



Enthalpy Analytical
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Orange, CA 92868
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enthalpy.com

Lab Job Number : 531889
Report Level : II
Report Date : 05/13/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill - Quarterly MPars

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Steve Cassulo	Lab Job #:	531889
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill - Quarterly MPars
29201 Henry Mayo	Date Received:	04/28/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-31	531889-001	04/28/25 09:12	Water
DW-1	531889-002	04/28/25 10:09	Water
DW-16	531889-003	04/28/25 11:08	Water
DW-3	531889-004	04/28/25 12:03	Water
QCFB	531889-005	04/28/25 09:14	Water
QCTB	531889-006	04/28/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 531889
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill - Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 04/28/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 04/29/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- Low recoveries were observed for many analytes in the MS/MSD of DW-31 (lab # 531889-001); the BS/BSD were within limits, and the associated RPDs were within limits.
- 1,2,4-trimethylbenzene was detected between the MDL and the RL in the method blank for batch 370081; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

No analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 531889

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day: Custom TAT: 1 Day:

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request										Test Instructions / Comments			
Company:	Name:	Number:	P.O. #:	Address:	Global ID:	Sampled By:	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	1,4-Dioxane (EPA 8260B)	Alkalinity, total	Bicarbonate as CaCO ₃	Ammonia-N, Nitrate-N	COD, Cl, SO ₄ , TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide	
Chiquita Canyon Landfill	Steve Cassulo	661-257-3655			L10003464243	Paul Chang															
Report To:	Steven.Cassulo@wasteconnections.com																				
Address:	29201 Henry Mayo Drive																				
	Castaic, CA, 91384																				
Phone:	661-257-3655																				
Fax:																					
1	DW-31	4/28/25	912	W	13	var.															
2	DW-1		1009																		
3	DW-16		1108																		
4	DW-3		1203																		
5	QGFB		914																		
6	QCTB																				
7																					
8																					
9																					
10																					



Login 531889



Signature	Print Name	Company / Title	Date / Time
	Paul Chang	CEI	4/28/25 1405
	Hray B.	EA-TH	4/28/25 1405
	Hray B.	EA-TH	4/29/25 1045
	Nicole Mendez	EA	4/29/25 1130
	Nicole Mendez	EA	4/29/25 1130

Date Received: 4/29/25 WO# 531889 Client: Waste Connections

Are custody seals present? ☐ Yes ☒ No

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 4/29/25 By (initials) RRS Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR13 CF: 10.0

Cooler Temp (°C) #1: 2.5 / 2.5 #2: / #3: / #4: / #5: / #6: /

☒ No microbiology samples submitted (skip 3b)☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

☒ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?

2) Is the sampler's name present on the CoC?

3) Were containers received in good condition (unbroken / unopened / uncompromised)?

4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)

5) Were all of, and only, the correct samples received?

6) Are sample labels present, legible, and in agreement with the CoC?

7) Does the container count match the CoC?

8) Was sufficient sample volume / mass received for the analyses requested?

9) Were samples received in proper containers for the analyses requested?

10) Were samples received with > 1/2 holding time remaining?

11) Are samples properly preserved as indicated by CoC / labels?

12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?

13) Are VOA vials free from headspace/bubbles > 6mm?

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

[illegible]☐ No additional discrepancies

Date Logged 4/28/25 By (print) ABD (sign) ABD

Date Labeled 4/29/25 By (print) EA-OR (sign) _____

Analysis Results for 531889

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 531889
Project No: GW MONITORING
Location: Chiquita Canyon Landfill - Quarterly MPars
Date Received: 04/28/25

Sample ID: DW-31

Lab ID: 531889-001

Collected: 04/28/25 09:12

Matrix: Water

531889-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.19	J	mg/L	0.20	0.034	1	370000	04/29/25 13:30	04/29/25 17:16	AJL
Chloride	100		mg/L	1.0	0.27	1	370000	04/29/25 13:30	04/29/25 17:16	AJL
Bromide	0.52		mg/L	0.30	0.060	1	370000	04/29/25 13:30	04/29/25 17:16	AJL
Nitrogen, Nitrate	0.76		mg/L	0.10	0.05	1	370000	04/29/25 13:30	04/29/25 17:16	AJL
Sulfate	430		mg/L	10	1.8	10	370000	04/29/25 13:30	04/29/25 17:37	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.057	J	mg/L	0.10	0.050	1	370322	05/02/25	05/05/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	29		mg/L	4.0	2.0	1	370263	05/01/25	05/01/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.59		mg/L	0.050	0.0055	1	370016	04/29/25	04/29/25	CAP
Calcium	200		mg/L	0.57	0.57	1	370016	04/29/25	04/29/25	CAP
Iron	0.13		mg/L	0.046	0.046	1	370016	04/29/25	04/29/25	CAP
Magnesium	37		mg/L	0.10	0.025	1	370016	04/29/25	04/29/25	CAP
Manganese	0.15		mg/L	0.010	0.0029	1	370016	04/29/25	04/29/25	CAP
Potassium	1.5		mg/L	0.50	0.40	1	370016	04/29/25	04/29/25	CAP
Sodium	120		mg/L	0.50	0.35	1	370016	04/29/25	04/29/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	370081	04/30/25	04/30/25	HMN
Freon 12	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
Chloromethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Bromomethane	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	HMN
Chloroethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	HMN
Acetone	ND		ug/L	100	21	1	370081	04/30/25	04/30/25	HMN
Freon 113	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	HMN
Methylene Chloride	ND		ug/L	5.0	2.4	1	370081	04/30/25	04/30/25	HMN
MTBE	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	HMN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	HMN
2-Butanone	ND		ug/L	100	1.7	1	370081	04/30/25	04/30/25	HMN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Chloroform	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN

Analysis Results for 531889

531889-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	HMN
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
Benzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Trichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Bromodichloromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	HMN
Dibromomethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	370081	04/30/25	04/30/25	HMN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	370081	04/30/25	04/30/25	HMN
Toluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	HMN
Dibromochloromethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	370081	04/30/25	04/30/25	HMN
Chlorobenzene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	HMN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Ethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
m,p-Xylenes	ND		ug/L	10	0.2	1	370081	04/30/25	04/30/25	HMN
o-Xylene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Styrene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
Bromoform	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
Isopropylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
Propylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
Bromobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	HMN
n-Butylbenzene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	HMN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	HMN
Naphthalene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	HMN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	HMN
Xylene (total)	ND		ug/L	5.0		1	370081	04/30/25	04/30/25	HMN
Surrogates				Limits						
Dibromofluoromethane	107%		%REC	70-130		1	370081	04/30/25	04/30/25	HMN

2 of 16 Results for any subcontracted analyses are not included in this section.

Analysis Results for 531889

531889-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	84%		%REC	70-130		1	370081	04/30/25	04/30/25	HMN
Toluene-d8	108%		%REC	70-130		1	370081	04/30/25	04/30/25	HMN
Bromofluorobenzene	99%		%REC	70-130		1	370081	04/30/25	04/30/25	HMN
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	6.0		ug/L	1.0	0.95	1	370366	05/02/25	05/05/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	370366	05/02/25	05/05/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	370312	05/02/25	05/02/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	14		mg/L	1.0	0.68	1	370311	05/02/25	05/02/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	490		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Alkalinity, Total as CaCO3	490		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,300		mg/L	20		2	370153	04/30/25	05/01/25	RDL

Analysis Results for 531889

Sample ID: DW-1
Lab ID: 531889-002
Collected: 04/28/25 10:09
Matrix: Water

531889-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.74		mg/L	0.20	0.034	1	370000	04/29/25 13:30	04/29/25 18:39	AJL
Chloride	120		mg/L	1.0	0.27	1	370000	04/29/25 13:30	04/29/25 18:39	AJL
Bromide	0.29	J	mg/L	0.30	0.060	1	370000	04/29/25 13:30	04/29/25 18:39	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	370000	04/29/25 13:30	04/29/25 18:39	AJL
Sulfate	390		mg/L	10	1.8	10	370000	04/29/25 13:30	04/29/25 18:59	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	370322	05/02/25	05/05/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	2.0	J	mg/L	4.0	2.0	1	370263	05/01/25	05/01/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0055	1	370016	04/29/25	04/29/25	CAP
Calcium	57		mg/L	0.57	0.57	1	370016	04/29/25	04/29/25	CAP
Iron	ND		mg/L	0.046	0.046	1	370016	04/29/25	04/29/25	CAP
Magnesium	11		mg/L	0.10	0.025	1	370016	04/29/25	04/29/25	CAP
Manganese	0.049		mg/L	0.010	0.0029	1	370016	04/29/25	04/29/25	CAP
Potassium	2.5		mg/L	0.50	0.40	1	370016	04/29/25	04/29/25	CAP
Sodium	210		mg/L	0.50	0.35	1	370016	04/29/25	04/29/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	370081	04/30/25	04/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Acetone	ND		ug/L	100	21	1	370081	04/30/25	04/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	370081	04/30/25	04/30/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	370081	04/30/25	04/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST

Analysis Results for 531889

531889-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	370081	04/30/25	04/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	370081	04/30/25	04/30/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Tetrachloroethene	0.2	J	ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	370081	04/30/25	04/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	370081	04/30/25	04/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	370081	04/30/25	04/30/25	ZST
Surrogates			Limits							
Dibromofluoromethane	107%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane-d4	85%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Toluene-d8	108%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Bromofluorobenzene	100%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531889

531889-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	370366	05/02/25	05/05/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	370366	05/02/25	05/05/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	370312	05/02/25	05/02/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	370311	05/02/25	05/02/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	220		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Alkalinity, Total as CaCO3	220		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	860		mg/L	20		2	370153	04/30/25	05/01/25	RDL

Analysis Results for 531889

Sample ID: DW-16
Lab ID: 531889-003
Collected: 04/28/25 11:08
Matrix: Water

531889-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.39		mg/L	0.20	0.034	1	370000	04/29/25 13:30	04/29/25 19:20	AJL
Chloride	110		mg/L	1.0	0.27	1	370000	04/29/25 13:30	04/29/25 19:20	AJL
Bromide	0.24	J	mg/L	0.30	0.060	1	370000	04/29/25 13:30	04/29/25 19:20	AJL
Nitrogen, Nitrate	2.2		mg/L	0.10	0.05	1	370000	04/29/25 13:30	04/29/25 19:20	AJL
Sulfate	190		mg/L	10	1.8	10	370000	04/29/25 13:30	04/29/25 19:40	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	370322	05/02/25	05/05/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	4.0		mg/L	4.0	2.0	1	370263	05/01/25	05/01/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.13		mg/L	0.050	0.0055	1	370016	04/29/25	04/29/25	CAP
Calcium	6.5		mg/L	0.57	0.57	1	370016	04/29/25	04/29/25	CAP
Iron	ND		mg/L	0.046	0.046	1	370016	04/29/25	04/29/25	CAP
Magnesium	0.39		mg/L	0.10	0.025	1	370016	04/29/25	04/29/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	370016	04/29/25	04/29/25	CAP
Potassium	0.83		mg/L	0.50	0.40	1	370016	04/29/25	04/29/25	CAP
Sodium	230		mg/L	0.50	0.35	1	370016	04/29/25	04/29/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	370081	04/30/25	04/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Trichlorofluoromethane	0.09	J	ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Acetone	ND		ug/L	100	21	1	370081	04/30/25	04/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	370081	04/30/25	04/30/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethane	0.9	J	ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	370081	04/30/25	04/30/25	ZST
cis-1,2-Dichloroethene	0.6	J	ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Chloroform	0.3	J	ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST

Analysis Results for 531889

531889-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	0.2	J	ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Trichloroethene	0.7	J	ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	370081	04/30/25	04/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	370081	04/30/25	04/30/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Tetrachloroethene	0.6	J	ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	370081	04/30/25	04/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	370081	04/30/25	04/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,4-Dichlorobenzene	0.3	J	ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	370081	04/30/25	04/30/25	ZST
Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane-d4	85%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Toluene-d8	107%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531889

531889-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	370366	05/02/25	05/05/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	370366	05/02/25	05/05/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	370312	05/02/25	05/02/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	370311	05/02/25	05/02/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	220		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Alkalinity, Total as CaCO3	250		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	720		mg/L	20		2	370153	04/30/25	05/01/25	RDL

Analysis Results for 531889

Sample ID: DW-3
Lab ID: 531889-004
Collected: 04/28/25 12:03
Matrix: Water

531889-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.63		mg/L	0.20	0.034	1	370000	04/29/25 13:30	04/29/25 20:01	AJL
Chloride	58		mg/L	1.0	0.27	1	370000	04/29/25 13:30	04/29/25 20:01	AJL
Bromide	0.17	J	mg/L	0.30	0.060	1	370000	04/29/25 13:30	04/29/25 20:01	AJL
Nitrogen, Nitrate	1.9		mg/L	0.10	0.05	1	370000	04/29/25 13:30	04/29/25 20:01	AJL
Sulfate	110		mg/L	10	1.8	10	370000	04/29/25 13:30	04/29/25 20:21	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	370322	05/02/25	05/05/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	370263	05/01/25	05/01/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.26		mg/L	0.050	0.0055	1	370016	04/29/25	04/29/25	CAP
Calcium	32		mg/L	0.57	0.57	1	370016	04/29/25	04/29/25	CAP
Iron	ND		mg/L	0.046	0.046	1	370016	04/29/25	04/29/25	CAP
Magnesium	3.9		mg/L	0.10	0.025	1	370016	04/29/25	04/29/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	370016	04/29/25	04/29/25	CAP
Potassium	1.6		mg/L	0.50	0.40	1	370016	04/29/25	04/29/25	CAP
Sodium	110		mg/L	0.50	0.35	1	370016	04/29/25	04/29/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	370081	04/30/25	04/30/25	ZST
Freon 12	3.5	J	ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Trichlorofluoromethane	0.1	J	ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Acetone	ND		ug/L	100	21	1	370081	04/30/25	04/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	370081	04/30/25	04/30/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethane	0.2	J	ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	370081	04/30/25	04/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST

Analysis Results for 531889

531889-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	370081	04/30/25	04/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	370081	04/30/25	04/30/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Tetrachloroethene	0.9	J	ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	370081	04/30/25	04/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	370081	04/30/25	04/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	370081	04/30/25	04/30/25	ZST
Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane-d4	85%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Toluene-d8	108%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 531889

531889-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	370366	05/02/25	05/05/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	370366	05/02/25	05/05/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	370312	05/02/25	05/02/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	370311	05/02/25	05/02/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	200		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Alkalinity, Total as CaCO3	200		mg/L	10		5	370049	04/29/25	04/29/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	450		mg/L	20		2	370153	04/30/25	05/01/25	RDL

Analysis Results for 531889

Sample ID: QCFB
Lab ID: 531889-005
Collected: 04/28/25 09:14
Matrix: Water

531889-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	370081	04/30/25	04/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Acetone	ND		ug/L	100	21	1	370081	04/30/25	04/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Methylene Chloride	6.4		ug/L	5.0	2.4	1	370081	04/30/25	04/30/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	370081	04/30/25	04/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Chloroform	0.7	J	ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	370081	04/30/25	04/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	370081	04/30/25	04/30/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	370081	04/30/25	04/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	370081	04/30/25	04/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST

Analysis Results for 531889

531889-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	370081	04/30/25	04/30/25	ZST
Surrogates	Limits									
Dibromofluoromethane	108%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane-d4	86%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Toluene-d8	107%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Bromofluorobenzene	100%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST

Analysis Results for 531889

Sample ID: QCTB
Lab ID: 531889-006
Collected: 04/28/25
Matrix: Water

531889-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	370081	04/30/25	04/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Acetone	ND		ug/L	100	21	1	370081	04/30/25	04/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Methylene Chloride	ND		ug/L	5.0	2.4	1	370081	04/30/25	04/30/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	370081	04/30/25	04/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Chloroform	0.5	J	ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	370081	04/30/25	04/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	370081	04/30/25	04/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	370081	04/30/25	04/30/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	370081	04/30/25	04/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	370081	04/30/25	04/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	370081	04/30/25	04/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST

Analysis Results for 531889

531889-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	370081	04/30/25	04/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	370081	04/30/25	04/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	370081	04/30/25	04/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	370081	04/30/25	04/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	370081	04/30/25	04/30/25	ZST
Surrogates	Limits									
Dibromofluoromethane	106%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
1,2-Dichloroethane-d4	85%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Toluene-d8	108%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	370081	04/30/25	04/30/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1252823	Batch: 370000
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1252823 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.034	04/29/25 13:30	04/29/25 14:32
Chloride	ND		mg/L	1.0	0.27	04/29/25 13:30	04/29/25 14:32
Bromide	ND		mg/L	0.30	0.060	04/29/25 13:30	04/29/25 14:32
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	04/29/25 13:30	04/29/25 14:32
Sulfate	ND		mg/L	1.0	0.18	04/29/25 13:30	04/29/25 14:32

Type: Lab Control Sample	Lab ID: QC1252824	Batch: 370000
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1252824 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.108	10.00	mg/L	91%		90-110
Chloride	47.77	50.00	mg/L	96%		90-110
Bromide	15.10	15.00	mg/L	101%		90-110
Nitrogen, Nitrate	4.580	4.518	mg/L	101%		90-110
Sulfate	24.71	25.00	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1252826	Batch: 370000
Matrix (Source ID): Water (531895-002)	Method: EPA 300.0	Prep Method: METHOD

QC1252826 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.16	0.05058	20.00	mg/L	96%		80-120	1
Chloride	111.3	10.09	100.0	mg/L	101%		80-120	1
Bromide	15.02	ND	15.00	mg/L	100%		80-120	1
Nitrogen, Nitrate	12.43	3.483	9.036	mg/L	99%		80-120	1
Sulfate	60.09	10.62	50.00	mg/L	99%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1252827	Batch: 370000
Matrix (Source ID): Water (531895-002)	Method: EPA 300.0	Prep Method: METHOD

QC1252827 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.25	0.05058	20.00	mg/L	96%		80-120	0	20	1
Chloride	111.4	10.09	100.0	mg/L	101%		80-120	0	20	1
Bromide	15.01	ND	15.00	mg/L	100%		80-120	0	20	1
Nitrogen, Nitrate	12.37	3.483	9.036	mg/L	98%		80-120	1	20	1
Sulfate	60.11	10.62	50.00	mg/L	99%		80-120	0	20	1

Type: Lab Control Sample	Lab ID: QC1253947	Batch: 370322
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1253947 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9894	1.000	mg/L	99%		90-110

Batch QC

Type: Blank	Lab ID: QC1253948	Batch: 370322
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1253948 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	05/02/25	05/05/25

Type: Matrix Spike	Lab ID: QC1253954	Batch: 370322
Matrix (Source ID): Water (531889-001)	Method: EPA 350.1	Prep Method: METHOD

QC1253954 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.027	0.05677	1.000	mg/L	97%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1253955	Batch: 370322
Matrix (Source ID): Water (531889-001)	Method: EPA 350.1	Prep Method: METHOD

QC1253955 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.065	0.05677	1.000	mg/L	101%		90-110	4	20	1

Type: Blank	Lab ID: QC1253686	Batch: 370263
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1253686 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	05/01/25	05/01/25

Type: Lab Control Sample	Lab ID: QC1253687	Batch: 370263
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1253687 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	99.00	100.0	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1253688	Batch: 370263
Matrix (Source ID): Water (531741-001)	Method: EPA 410.4	Prep Method: METHOD

QC1253688 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	94.00	ND	100.0	mg/L	94%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1253689	Batch: 370263
Matrix (Source ID): Water (531741-001)	Method: EPA 410.4	Prep Method: METHOD

QC1253689 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	94.00	ND	100.0	mg/L	94%		75-125	0	20	2

Batch QC

Type: Matrix Spike	Lab ID: QC1253690	Batch: 370263
Matrix (Source ID): Water (531889-001)	Method: EPA 410.4	Prep Method: METHOD

QC1253690 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	128.0	29.00	100.0	mg/L	99%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1253691	Batch: 370263
Matrix (Source ID): Water (531889-001)	Method: EPA 410.4	Prep Method: METHOD

QC1253691 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	128.0	29.00	100.0	mg/L	99%		75-125	0	20	2

Type: Blank	Lab ID: QC1252874	Batch: 370016
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252874 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	04/29/25	04/29/25
Calcium	ND		mg/L	0.57	0.57	04/29/25	04/29/25
Iron	ND		mg/L	0.046	0.046	04/29/25	04/29/25
Magnesium	ND		mg/L	0.10	0.025	04/29/25	04/29/25
Manganese	ND		mg/L	0.010	0.0029	04/29/25	04/29/25
Potassium	ND		mg/L	0.50	0.40	04/29/25	04/29/25
Sodium	ND		mg/L	0.50	0.35	04/29/25	04/29/25

Type: Lab Control Sample	Lab ID: QC1252875	Batch: 370016
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252875 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3630	0.4000	mg/L	91%		80-120
Calcium	18.17	20.40	mg/L	89%		80-120
Iron	0.3614	0.4000	mg/L	90%		80-120
Magnesium	18.12	20.40	mg/L	89%		80-120
Manganese	0.3618	0.4000	mg/L	90%		80-120
Potassium	20.83	24.00	mg/L	87%		80-120
Sodium	17.82	20.40	mg/L	87%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1252876	Batch: 370016
Matrix (Source ID): Water (531889-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252876 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.9613	0.5900	0.4000	mg/L	93%		75-125	1
Calcium	216.1	200.0	20.40	mg/L	79%	NM	75-125	1
Iron	0.4927	0.1293	0.4000	mg/L	91%		75-125	1
Magnesium	55.32	37.11	20.40	mg/L	89%		75-125	1
Manganese	0.5208	0.1543	0.4000	mg/L	92%		75-125	1
Potassium	23.93	1.478	24.00	mg/L	94%		75-125	1
Sodium	140.8	123.2	20.40	mg/L	86%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1252877	Batch: 370016
Matrix (Source ID): Water (531889-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252877 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.9487	0.5900	0.4000	mg/L	90%		75-125	1	20	1
Calcium	215.8	200.0	20.40	mg/L	77%	NM	75-125	0	20	1
Iron	0.4788	0.1293	0.4000	mg/L	87%		75-125	3	20	1
Magnesium	54.76	37.11	20.40	mg/L	87%		75-125	1	20	1
Manganese	0.5084	0.1543	0.4000	mg/L	89%		75-125	2	20	1
Potassium	23.19	1.478	24.00	mg/L	90%		75-125	3	20	1
Sodium	140.3	123.2	20.40	mg/L	84%	NM	75-125	0	20	1

Type: Serial Dilution	Lab ID: QC1252883	Batch: 370016
Matrix (Source ID): Water (531889-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1252883 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.5876	0.5900	mg/L				5
Calcium	204.0	200.0	mg/L				5
Iron	ND	0.1293	mg/L				5
Magnesium	38.16	37.11	mg/L				5
Manganese	0.1567	0.1543	mg/L				5
Potassium	ND	1.478	mg/L				5
Sodium	124.0	123.2	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1253096	Batch: 370081
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1253096 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	44.56	50.00	ug/L	89%		70-135
MTBE	44.03	50.00	ug/L	88%		70-130
Benzene	46.77	50.00	ug/L	94%		70-130
Trichloroethene	57.30	50.00	ug/L	115%		70-130
Toluene	52.01	50.00	ug/L	104%		70-130
Chlorobenzene	53.94	50.00	ug/L	108%		70-130
Surrogates						
Dibromofluoromethane	54.15	50.00	ug/L	108%		70-130
1,2-Dichloroethane-d4	41.92	50.00	ug/L	84%		70-130
Toluene-d8	53.29	50.00	ug/L	107%		70-130
Bromofluorobenzene	48.89	50.00	ug/L	98%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1253097	Batch: 370081
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1253097 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	41.89	50.00	ug/L	84%		70-135	6	30
MTBE	44.96	50.00	ug/L	90%		70-130	2	30
Benzene	44.97	50.00	ug/L	90%		70-130	4	30
Trichloroethene	53.78	50.00	ug/L	108%		70-130	6	30
Toluene	49.96	50.00	ug/L	100%		70-130	4	30
Chlorobenzene	53.31	50.00	ug/L	107%		70-130	1	30
Surrogates								
Dibromofluoromethane	53.89	50.00	ug/L	108%		70-130		
1,2-Dichloroethane-d4	42.28	50.00	ug/L	85%		70-130		
Toluene-d8	52.95	50.00	ug/L	106%		70-130		
Bromofluorobenzene	48.92	50.00	ug/L	98%		70-130		

Batch QC

Type: Blank	Lab ID: QC1253101	Batch: 370081
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1253101 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	04/30/25	04/30/25
Freon 12	ND		ug/L	5.0	0.2	04/30/25	04/30/25
Chloromethane	ND		ug/L	5.0	0.3	04/30/25	04/30/25
Vinyl Chloride	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Bromomethane	ND		ug/L	5.0	0.4	04/30/25	04/30/25
Chloroethane	ND		ug/L	5.0	0.3	04/30/25	04/30/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	04/30/25	04/30/25
Acetone	ND		ug/L	100	21	04/30/25	04/30/25
Freon 113	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	04/30/25	04/30/25
Methylene Chloride	ND		ug/L	5.0	2.4	04/30/25	04/30/25
MTBE	ND		ug/L	5.0	0.09	04/30/25	04/30/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	04/30/25	04/30/25
2-Butanone	ND		ug/L	100	1.7	04/30/25	04/30/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Chloroform	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Bromochloromethane	ND		ug/L	5.0	0.2	04/30/25	04/30/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	04/30/25	04/30/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	04/30/25	04/30/25
Benzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Trichloroethene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Bromodichloromethane	ND		ug/L	5.0	0.08	04/30/25	04/30/25
Dibromomethane	ND		ug/L	5.0	0.2	04/30/25	04/30/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	04/30/25	04/30/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	04/30/25	04/30/25
Toluene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	04/30/25	04/30/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Tetrachloroethene	ND		ug/L	5.0	0.09	04/30/25	04/30/25
Dibromochloromethane	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	04/30/25	04/30/25
Chlorobenzene	ND		ug/L	5.0	0.09	04/30/25	04/30/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Ethylbenzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
m,p-Xylenes	ND		ug/L	10	0.2	04/30/25	04/30/25
o-Xylene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Styrene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
Bromoform	ND		ug/L	5.0	0.2	04/30/25	04/30/25
Isopropylbenzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	04/30/25	04/30/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	04/30/25	04/30/25

Batch QC

QC1253101 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
Bromobenzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
1,2,4-Trimethylbenzene	0.2	J	ug/L	5.0	0.2	04/30/25	04/30/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	04/30/25	04/30/25
n-Butylbenzene	ND		ug/L	5.0	0.4	04/30/25	04/30/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	04/30/25	04/30/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	04/30/25	04/30/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	04/30/25	04/30/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	04/30/25	04/30/25
Naphthalene	ND		ug/L	5.0	0.3	04/30/25	04/30/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	04/30/25	04/30/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	04/30/25	04/30/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	04/30/25	04/30/25
Xylene (total)	ND		ug/L	5.0		04/30/25	04/30/25
Surrogates				Limits			
Dibromofluoromethane	107%		%REC	70-130		04/30/25	04/30/25
1,2-Dichloroethane-d4	85%		%REC	70-130		04/30/25	04/30/25
Toluene-d8	108%		%REC	70-130		04/30/25	04/30/25
Bromofluorobenzene	98%		%REC	70-130		04/30/25	04/30/25

Type: Matrix Spike	Lab ID: QC1253176	Batch: 370081
Matrix (Source ID): Water (531889-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1253176 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	7.736	ND	20.00	ug/L	39%	*	70-130	1
MTBE	9.194	ND	20.00	ug/L	46%	*	75-130	1
Benzene	9.260	ND	20.00	ug/L	46%	*	70-130	1
Trichloroethene	11.78	ND	20.00	ug/L	59%	*	63-130	1
Toluene	10.76	ND	20.00	ug/L	54%	*	70-130	1
Chlorobenzene	11.64	ND	20.00	ug/L	58%	*	70-130	1
Surrogates								
Dibromofluoromethane	53.39		50.00	ug/L	107%		70-130	1
1,2-Dichloroethane-d4	42.06		50.00	ug/L	84%		70-130	1
Toluene-d8	53.83		50.00	ug/L	108%		70-130	1
Bromofluorobenzene	49.64		50.00	ug/L	99%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1253177	Batch: 370081
Matrix (Source ID): Water (531889-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1253177 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	7.562	ND	20.00	ug/L	38%	*	70-130	2	30	1
MTBE	9.675	ND	20.00	ug/L	48%	*	75-130	5	30	1
Benzene	9.259	ND	20.00	ug/L	46%	*	70-130	0	30	1
Trichloroethene	11.33	ND	20.00	ug/L	57%	*	63-130	4	30	1
Toluene	10.41	ND	20.00	ug/L	52%	*	70-130	3	30	1
Chlorobenzene	11.36	ND	20.00	ug/L	57%	*	70-130	2	30	1
Surrogates										
Dibromofluoromethane	54.70		50.00	ug/L	109%		70-130			1
1,2-Dichloroethane-d4	43.49		50.00	ug/L	87%		70-130			1
Toluene-d8	52.92		50.00	ug/L	106%		70-130			1
Bromofluorobenzene	49.38		50.00	ug/L	99%		70-130			1

Type: Blank	Lab ID: QC1254089	Batch: 370366
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1254089 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	05/02/25	05/05/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		05/02/25	05/05/25

Type: Lab Control Sample	Lab ID: QC1254090	Batch: 370366
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1254090 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.24	10.00	ug/L	102%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.863	10.00	ug/L	99%		80-120

Type: Matrix Spike	Lab ID: QC1254091	Batch: 370366
Matrix (Source ID): Water (532004-004)	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1254091 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,4-Dioxane	12.39	1.798	10.00	ug/L	106%		70-130	1
Surrogates								
1,4-Dioxane-d8 (SUR)	10.17		10.00	ug/L	102%		80-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1254092	Batch: 370366
Matrix (Source ID): Water (532004-004)	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1254092 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,4-Dioxane	12.22	1.798	10.00	ug/L	104%		70-130	1	30	1
Surrogates										
1,4-Dioxane-d8 (SUR)	10.42		10.00	ug/L	104%		80-120			1

Type: Blank	Lab ID: QC1253903	Batch: 370312
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1253903 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		05/02/25	05/02/25

Type: Lab Control Sample	Lab ID: QC1253904	Batch: 370312
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1253904 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	1.000	1.000	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1253905	Batch: 370312
Matrix (Source ID): Water (531773-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1253905 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1253906	Batch: 370312
Matrix (Source ID): Water (531773-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1253906 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	0	20	1

Type: Blank	Lab ID: QC1253899	Batch: 370311
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1253899 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	05/02/25	05/02/25

Type: Lab Control Sample	Lab ID: QC1253900	Batch: 370311
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1253900 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.65	25.00	mg/L	95%		85-115

Batch QC

Type: Matrix Spike	Lab ID: QC1253901	Batch: 370311
Matrix (Source ID): Water (531741-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1253901 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.34	1.522	25.00	mg/L	103%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1253902	Batch: 370311
Matrix (Source ID): Water (531741-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1253902 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	27.35	1.522	25.00	mg/L	103%		75-125	0	25	1

Type: Blank	Lab ID: QC1252985	Batch: 370049
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1252985 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		04/29/25	04/29/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		04/29/25	04/29/25

Type: Lab Control Sample	Lab ID: QC1252986	Batch: 370049
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1252986 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	970.5	1000	mg/L	97%		90-110

Type: Sample Duplicate	Lab ID: QC1253324	Batch: 370049
Matrix (Source ID): Water (531895-003)	Method: SM2320B	Prep Method: METHOD

QC1253324 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	163.4	165.3	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	163.4	165.3	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1253329	Batch: 370153
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1253329 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		04/30/25	05/01/25

Type: Lab Control Sample	Lab ID: QC1253330	Batch: 370153
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1253330 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	950.0	1000	mg/L	95%		90-110

Batch QC

Type: Sample Duplicate	Lab ID: QC1253331	Batch: 370153
Matrix (Source ID): Water (531980-001)	Method: SM2540C	Prep Method: METHOD

QC1253331 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	700.0	672.0	mg/L		4	5	2

Type: Sample Duplicate	Lab ID: QC1253332	Batch: 370153
Matrix (Source ID): Water (531756-001)	Method: SM2540C	Prep Method: METHOD

QC1253332 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	588.0	562.0	mg/L		5	5	2

* Value is outside QC limits
 J Estimated value
 ND Not Detected
 NM Not Meaningful

Laboratory Job Number 531889

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2504M97

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-531889

Project Location:

Project Received: 04/30/2025

Analytical Report reviewed & approved for release on 05/06/2025 by:

Jennifer Lagerbom

Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2504M97

Project: EO-531889

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2504M97

Project: EO-531889

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count;" greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 04/30/2025 11:11
Date Prepared: 05/02/2025
Project: EO-531889

WorkOrder: 2504M97
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2504M97-001A	Water	04/28/2025 09:12	GC26 0502251007.D	316675

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	71,000	2500	2500	50	05/02/2025 14:32

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-1	2504M97-002A	Water	04/28/2025 10:09	GC26 0502251010.D	316675

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	3100	200	200	4	05/02/2025 15:10

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-16	2504M97-003A	Water	04/28/2025 11:08	GC26 0502251012.D	316675

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	1400	50	50	1	05/02/2025 15:51

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 04/30/2025 11:11
Date Prepared: 05/02/2025
Project: EO-531889

WorkOrder: 2504M97
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-3	2504M97-004A	Water	04/28/2025 12:03	GC26 0502251015.D	316675

Analytes	Result	MDL	RL	DE	Date Analyzed
Carbon Dioxide	3600	200	200	4	05/02/2025 16:50

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 05/02/2025
Date Analyzed: 05/02/2025
Instrument: GC26
Matrix: Water
Project: EO-531889

WorkOrder: 2504M97
BatchID: 316675
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-316675

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	130	140	187.2	71	75	70-130	4.89	30

McCampbell Analytical, Inc.



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Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2504M97

ClientCode: ENO

QuoteID: 252619

☐ EQuIS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-531889

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: 04/30/2025

Date Logged: 04/30/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2504M97-001	DW-31	Water	4/28/2025 09:12	☐	A	A										
2504M97-002	DW-1	Water	4/28/2025 10:09	☐	A	A										
2504M97-003	DW-16	Water	4/28/2025 11:08	☐	A	A										
2504M97-004	DW-3	Water	4/28/2025 12:03	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Emily Perez

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-531889

Work Order: 2504M97

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments:

Date Logged: 4/30/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	4/28/2025 9:12	5 days	5/7/2025	None	☐	☐
002A	DW-1	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	4/28/2025 10:09	5 days	5/7/2025	None	☐	☐
003A	DW-16	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	4/28/2025 11:08	5 days	5/7/2025	None	☐	☐
004A	DW-3	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	4/28/2025 12:03	5 days	5/7/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.



931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-531889

PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

Chiquita Landfill - GW Monitoring Samples

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-31	28-APR-2025 09:12	531889-001	3 X	Water	RSK-175 CO2	
DW-1	28-APR-2025 10:09	531889-002	3 X	Water	RSK-175 CO2	
DW-16	28-APR-2025 11:08	531889-003	3 X	Water	RSK-175 CO2	
DW-3	28-APR-2025 12:03	531889-004	3 X	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>Aura Roberts</i>	
	Date: 4-29-25 16:38	Date:
	Date:	<i>Emily R</i> Date: 4/30/25 11:11
	Date:	Date:

G18.562950516 1.0 wet
1230



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-531889

Date and Time Received: 4/30/2025 11:11

Date Logged: 4/30/2025

Received by:

Logged by: Emily Perez

WorkOrder No: 2504M97 Matrix:
Carrier: Golden State Overnight

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 1°C	NA ☐	
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☒

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 532904
Report Level : II
Report Date : 05/28/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill, Quarterly MPars

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	532904
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill, Quarterly MPars
29201 Henry Mayo	Date Received:	05/12/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-28	532904-001	05/12/25 09:22	Water
DW-8	532904-002	05/12/25 10:55	Water
DW-9	532904-003	05/12/25 12:20	Water
DW-31	532904-004	05/12/25 13:26	Water
QCFB	532904-005	05/12/25 10:57	Water
QCTB	532904-006	05/12/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 532904
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill, Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 05/12/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 05/13/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- High response was observed for chloroethane in the CCV analyzed 05/23/25 08:58; this analyte was not detected at or above the RL in the associated sample, and affected data was qualified with "b".
- Many analytes were analyzed outside of hold time; affected data was qualified with "H".
- QCFB (lab # 532904-005) and QCTB (lab # 532904-006) had pH greater than 2.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

- The TOC sample was received in an unpreserved amber glass container. The sample was preserved at the lab after receipt prior to analysis.
- No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

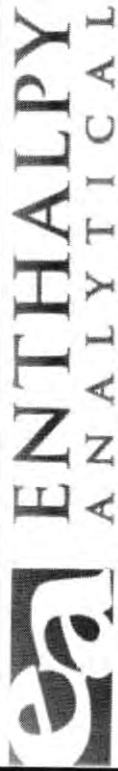
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

No analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 532904

Page: 1 of 1

Matrix: A = Air S = Soil/Solid

W = Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day: Custom TAT: 1 Day:

Sample Receipt Temp:

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments				
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo	Matrix:	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO ₃	Ammonia-N, Nitrate-N	COD, Cl, SO ₄ , TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
Report To:	Steve Cassulo	Number:	661-257-3655													
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:														
Address:	29201 Henry Mayo Drive	Address:														
	Castaic, CA, 91384															
Phone:	661-257-3655	Global ID:	L10003464243													
Fax:		Sampled By:	Paul Chang													
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.											
1 DW-28	5/12/25	922	W	13	var.			X	X	X	X	X	X	X	X	X
2 DW-8		1055						X	X	X	X	X	X	X	X	X
3 DW-9		1220						X	X	X	X	X	X	X	X	X
4 DW-31		1346						X	X	X	X	X	X	X	X	X
5 QC PB		1057						X	X	X	X	X	X	X	X	X
6 QCTB								X	X	X	X	X	X	X	X	X
7																
8																
9																
10																

Login 532904

cc report to:
pchang@changenvironmental.com Basic
EDD & GeoTracker EDF

FR 13
2.612.6
Quarterly MPars

Signature		Print Name		Company / Title		Date / Time	
1 Relinquished By:		Paul Chang	Paul Chang	COI	COI	5/12/25	2:20
1 Received By:		Alice Tahmasian	Alice Tahmasian	EANH	EANH	5/12/25	2:20
2 Relinquished By:		Alice Tahmasian	Alice Tahmasian	EANH	EANH	5/12/25	11:05
2 Received By:		Gema	Gema	EANH	EANH	5/13/25	11:05
3 Relinquished By:		Gema	Gema	EANH	EANH	5/13/25	11:05
3 Received By:		N/ WB	N/ WB	EA	EA	5/13/25	11:05

NI WB RA 5-13-25 1225
RECEIVED BY: 5/13/25 1225

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 05/17/25 WO# _____

Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☐ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: _____

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 05/17/25 By (initials) AXT

Type of ice used: ☐ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____

Thermometer/IR Gun: 1803 CF: 0.7°C

Cooler Temp (°C) #1: 13.5/12.8 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☐ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☒ Other _____

Section 4: Containers / Labels / Samples

YES NO N/A

1) Were custody papers present, filled properly, and legible?

X

2) Is the sampler's name present on the CoC?

X

3) Were containers received in good condition (unbroken / unopened / uncompromised)?

X

4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)

X

5) Were all of, and only, the correct samples received?

X

6) Are sample labels present, legible, and in agreement with the CoC?

X

7) Does the container count match the CoC?

X

8) Was sufficient sample volume / mass received for the analyses requested?

X

9) Were samples received in proper containers for the analyses requested?

X

10) Were samples received with > 1/2 holding time remaining?

X

11) Are samples properly preserved as indicated by CoC / labels?

X

12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?

X

13) Are VOA vials free from headspace/bubbles > 6mm?

X

Section 5: Explanations / Comments

☐ PM notified

Date Logged _____ By (print) _____ (sign) _____

Date Labeled _____ By (print) _____ (sign) _____

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 5/13/25 WO# 532904 Client: Waste Connections

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 5/13/25 By (initials) NIG Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 2.0 / 2.0 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

YES NO N/A

1) Were custody papers present, filled properly, and legible?

X

2) Is the sampler's name present on the CoC?

X

3) Were containers received in good condition (unbroken / unopened / uncompromised)?

X

4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)

X

5) Were all of, and only, the correct samples received?

X

6) Are sample labels present, legible, and in agreement with the CoC?

X

7) Does the container count match the CoC?

X

8) Was sufficient sample volume / mass received for the analyses requested?

X

9) Were samples received in proper containers for the analyses requested?

5/13/25

X

10) Were samples received with > 1/2 holding time remaining?

X

11) Are samples properly preserved as indicated by CoC / labels?

X

12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?

X

13) Are VOA vials free from headspace/bubbles > 6mm?

X

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4.9 - SAMPLES FOR TOC RECEIVED IN POLY/PURPLE PRESERVED w/ H2SO4

4.10 - SAMPLES FOR NO3, NO2 AND NH4 RECEIVED < 1/2 HOLDING TIME REMAINING FOR NITRATE

☐ No additional discrepancies

Date Logged 5/12/25

By (print) ABD

(sign)

Date Labeled 5/13/25

By (print) NIG

(sign)

Analysis Results for 532904

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 532904
Project No: GW MONITORING
Location: Chiquita Canyon Landfill, Quarterly MPars
Date Received: 05/12/25

Sample ID: DW-28

Lab ID: 532904-001

Collected: 05/12/25 09:22

Matrix: Water

532904-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	1.2		mg/L	0.20	0.072	1	371207	05/13/25 15:00	05/13/25 18:26	KUM
Chloride	35		mg/L	1.0	0.27	1	371207	05/13/25 15:00	05/13/25 18:26	KUM
Bromide	0.19	J	mg/L	0.30	0.060	1	371207	05/13/25 15:00	05/13/25 18:26	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	371207	05/13/25 15:00	05/13/25 18:26	KUM
Sulfate	460		mg/L	10	2.5	10	371207	05/13/25 15:00	05/13/25 19:28	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.33		mg/L	0.10	0.050	1	371828	05/20/25	05/21/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	14		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.3		mg/L	0.050	0.0055	1	371213	05/13/25	05/13/25	CAP
Calcium	4.7		mg/L	0.57	0.57	1	371213	05/13/25	05/13/25	CAP
Iron	ND		mg/L	0.046	0.046	1	371213	05/13/25	05/13/25	CAP
Magnesium	0.80		mg/L	0.10	0.025	1	371213	05/13/25	05/13/25	CAP
Manganese	0.0036	J	mg/L	0.010	0.0029	1	371213	05/13/25	05/13/25	CAP
Potassium	0.87		mg/L	0.50	0.40	1	371213	05/13/25	05/14/25	CAP
Sodium	350		mg/L	0.50	0.35	1	371213	05/13/25	05/13/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Chloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Bromomethane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
Chloroethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Acetone	ND		ug/L	100	8.8	1	371296	05/14/25	05/14/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Methylene Chloride	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
2-Butanone	ND		ug/L	100	0.9	1	371296	05/14/25	05/14/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Chloroform	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

532904-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Benzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Trichloroethene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Dibromomethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	371296	05/14/25	05/14/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	371296	05/14/25	05/14/25	EJB
o-Xylene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Styrene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Bromoform	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Propylbenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Bromobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Xylene (total)	ND		ug/L	5.0		1	371296	05/14/25	05/14/25	EJB
Surrogates				Limits						
Dibromofluoromethane	94%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

532904-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	98%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Toluene-d8	105%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Bromofluorobenzene	99%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
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Surrogates

Limits

1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
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Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	371746	05/19/25	05/19/25	WWC
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Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	1.3		mg/L	1.0	0.68	1	371858	05/20/25	05/21/25	CKN
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Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	260		mg/L	5.0		2.5	371695	05/17/25	05/17/25	WWC
Alkalinity, Total as CaCO3	330		mg/L	5.0		2.5	371695	05/17/25	05/17/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	1,200		mg/L	20		2	371485	05/15/25	05/18/25	RDL
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Analysis Results for 532904

Sample ID: DW-8

Lab ID: 532904-002

Collected: 05/12/25 10:55

Matrix: Water

532904-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	ND		mg/L	0.20	0.072	1	371207	05/13/25 15:00	05/13/25 19:49	KUM
Chloride	68		mg/L	1.0	0.27	1	371207	05/13/25 15:00	05/13/25 19:49	KUM
Bromide	0.24	J	mg/L	0.30	0.060	1	371207	05/13/25 15:00	05/13/25 19:49	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	371207	05/13/25 15:00	05/13/25 19:49	KUM
Sulfate	2,800		mg/L	50	12	50	371207	05/13/25 15:00	05/13/25 20:10	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	1.1		mg/L	0.10	0.050	1	371452	05/15/25	05/16/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	12		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	1.0		mg/L	0.050	0.0055	1	371213	05/13/25	05/13/25	CAP
Calcium	350		mg/L	0.57	0.57	1	371213	05/13/25	05/13/25	CAP
Iron	6.0		mg/L	0.046	0.046	1	371213	05/13/25	05/13/25	CAP
Magnesium	200		mg/L	0.10	0.025	1	371213	05/13/25	05/13/25	CAP
Manganese	0.069		mg/L	0.010	0.0029	1	371213	05/13/25	05/13/25	CAP
Potassium	6.3		mg/L	0.50	0.40	1	371213	05/13/25	05/14/25	CAP
Sodium	590		mg/L	0.50	0.35	1	371213	05/13/25	05/13/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Chloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Bromomethane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
Chloroethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Acetone	ND		ug/L	100	8.8	1	371296	05/14/25	05/14/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Methylene Chloride	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
2-Butanone	ND		ug/L	100	0.9	1	371296	05/14/25	05/14/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Chloroform	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

532904-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Trichloroethene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Dibromomethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	371296	05/14/25	05/14/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	371296	05/14/25	05/14/25	EJB
o-Xylene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Styrene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Bromoform	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Propylbenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Bromobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Xylene (total)	ND		ug/L	5.0		1	371296	05/14/25	05/14/25	EJB
Surrogates			Limits							
Dibromofluoromethane	93%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane-d4	98%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Toluene-d8	105%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Bromofluorobenzene	100%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 532904

532904-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371746	05/19/25	05/19/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.8		mg/L	1.0	0.68	1	371858	05/20/25	05/21/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	310		mg/L	10		5	371695	05/17/25	05/17/25	WWC
Alkalinity, Total as CaCO3	310		mg/L	10		5	371695	05/17/25	05/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	4,800		mg/L	40		4	371485	05/15/25	05/18/25	RDL

Analysis Results for 532904

Sample ID: DW-9
Lab ID: 532904-003
Collected: 05/12/25 12:20
Matrix: Water

532904-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	2.1		mg/L	0.20	0.072	1	371207	05/13/25 15:00	05/13/25 20:31	KUM
Chloride	80		mg/L	1.0	0.27	1	371207	05/13/25 15:00	05/13/25 20:31	KUM
Bromide	0.27	J	mg/L	0.30	0.060	1	371207	05/13/25 15:00	05/13/25 20:31	KUM
Nitrogen, Nitrate	2.2		mg/L	0.10	0.05	1	371207	05/13/25 15:00	05/13/25 20:31	KUM
Sulfate	690		mg/L	10	2.5	10	371207	05/13/25 15:00	05/13/25 20:52	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.051	J	mg/L	0.10	0.050	1	371452	05/15/25	05/16/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	12		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.59		mg/L	0.050	0.0055	1	371213	05/13/25	05/13/25	CAP
Calcium	22		mg/L	0.57	0.57	1	371213	05/13/25	05/13/25	CAP
Iron	ND		mg/L	0.046	0.046	1	371213	05/13/25	05/13/25	CAP
Magnesium	2.2		mg/L	0.10	0.025	1	371213	05/13/25	05/13/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	371213	05/13/25	05/13/25	CAP
Potassium	1.3		mg/L	0.50	0.40	1	371213	05/13/25	05/14/25	CAP
Sodium	380		mg/L	0.50	0.35	1	371213	05/13/25	05/13/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Chloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Bromomethane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
Chloroethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Acetone	ND		ug/L	100	8.8	1	371296	05/14/25	05/14/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Methylene Chloride	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
2-Butanone	ND		ug/L	100	0.9	1	371296	05/14/25	05/14/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Chloroform	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

532904-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Trichloroethene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Dibromomethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	371296	05/14/25	05/14/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	371296	05/14/25	05/14/25	EJB
o-Xylene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Styrene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Bromoform	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Propylbenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Bromobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Xylene (total)	ND		ug/L	5.0		1	371296	05/14/25	05/14/25	EJB
Surrogates			Limits							
Dibromofluoromethane	96%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane-d4	98%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Toluene-d8	104%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Bromofluorobenzene	100%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 532904

532904-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371746	05/19/25	05/19/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	371858	05/20/25	05/21/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	150		mg/L	5.0		2.5	371695	05/17/25	05/17/25	WWC
Alkalinity, Total as CaCO3	150		mg/L	5.0		2.5	371695	05/17/25	05/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,400		mg/L	20		2	371485	05/15/25	05/18/25	RDL

Analysis Results for 532904

Sample ID: DW-31
Lab ID: 532904-004
Collected: 05/12/25 13:26
Matrix: Water

532904-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.27		mg/L	0.20	0.072	1	371207	05/13/25 15:00	05/13/25 21:13	KUM
Chloride	87		mg/L	1.0	0.27	1	371207	05/13/25 15:00	05/13/25 21:13	KUM
Bromide	0.49		mg/L	0.30	0.060	1	371207	05/13/25 15:00	05/13/25 21:13	KUM
Nitrogen, Nitrate	0.59		mg/L	0.10	0.05	1	371207	05/13/25 15:00	05/13/25 21:13	KUM
Sulfate	370		mg/L	10	2.5	10	371207	05/13/25 15:00	05/13/25 21:34	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.060	J	mg/L	0.10	0.050	1	371452	05/15/25	05/16/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	37		mg/L	4.0	2.0	1	372078	05/22/25	05/23/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.58		mg/L	0.050	0.0055	1	371213	05/13/25	05/13/25	CAP
Calcium	200		mg/L	0.57	0.57	1	371213	05/13/25	05/13/25	CAP
Iron	0.12		mg/L	0.046	0.046	1	371213	05/13/25	05/13/25	CAP
Magnesium	37		mg/L	0.10	0.025	1	371213	05/13/25	05/13/25	CAP
Manganese	0.15		mg/L	0.010	0.0029	1	371213	05/13/25	05/13/25	CAP
Potassium	1.4		mg/L	0.50	0.40	1	371213	05/13/25	05/14/25	CAP
Sodium	120		mg/L	0.50	0.35	1	371213	05/13/25	05/13/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Chloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Bromomethane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
Chloroethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Acetone	ND		ug/L	100	8.8	1	371296	05/14/25	05/14/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Methylene Chloride	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
2-Butanone	ND		ug/L	100	0.9	1	371296	05/14/25	05/14/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Chloroform	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

532904-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Trichloroethene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Dibromomethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	371296	05/14/25	05/14/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	371296	05/14/25	05/14/25	EJB
o-Xylene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Styrene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Bromoform	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Propylbenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Bromobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Xylene (total)	ND		ug/L	5.0		1	371296	05/14/25	05/14/25	EJB
Surrogates			Limits							
Dibromofluoromethane	94%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane-d4	98%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Toluene-d8	104%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Bromofluorobenzene	100%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 532904

532904-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	6.5		ug/L	1.0	0.88	1	371590	05/16/25	05/17/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	371590	05/16/25	05/17/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	371746	05/19/25	05/19/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	12		mg/L	1.0	0.68	1	371858	05/20/25	05/21/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	480		mg/L	5.0		2.5	371695	05/17/25	05/17/25	WWC
Alkalinity, Total as CaCO3	480		mg/L	5.0		2.5	371695	05/17/25	05/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,200		mg/L	20		2	371485	05/15/25	05/18/25	RDL

Analysis Results for 532904

Sample ID: QCFB
Lab ID: 532904-005
Collected: 05/12/25 10:57
Matrix: Water

532904-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Chloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Bromomethane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
Chloroethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Acetone	ND		ug/L	100	8.8	1	371296	05/14/25	05/14/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Methylene Chloride	2.5	J	ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
MTBE	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
2-Butanone	ND		ug/L	100	0.9	1	371296	05/14/25	05/14/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Chloroform	0.7	J	ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Benzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Trichloroethene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Dibromomethane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	371296	05/14/25	05/14/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	371296	05/14/25	05/14/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
m,p-Xylenes	ND		ug/L	10	0.1	1	371296	05/14/25	05/14/25	EJB
o-Xylene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Styrene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Bromoform	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

532904-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
Propylbenzene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
Bromobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	371296	05/14/25	05/14/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	371296	05/14/25	05/14/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.08	1	371296	05/14/25	05/14/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	371296	05/14/25	05/14/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	371296	05/14/25	05/14/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	371296	05/14/25	05/14/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	371296	05/14/25	05/14/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	371296	05/14/25	05/14/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	371296	05/14/25	05/14/25	EJB
Xylene (total)	ND		ug/L	5.0		1	371296	05/14/25	05/14/25	EJB
Surrogates	Limits									
Dibromofluoromethane	96%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
1,2-Dichloroethane-d4	99%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Toluene-d8	105%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB
Bromofluorobenzene	100%		%REC	70-130		1	371296	05/14/25	05/14/25	EJB

Analysis Results for 532904

Sample ID: QCTB
Lab ID: 532904-006
Collected: 05/12/25
Matrix: Water

532904-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND	H	ug/L	5.0	0.5	1	372134	05/23/25	05/23/25	LYZ
Freon 12	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
Chloromethane	ND	H	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
Vinyl Chloride	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Bromomethane	ND	H	ug/L	5.0	0.4	1	372134	05/23/25	05/23/25	LYZ
Chloroethane	ND	H,b	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
Trichlorofluoromethane	ND	H	ug/L	5.0	0.08	1	372134	05/23/25	05/23/25	LYZ
Acetone	ND	H	ug/L	100	21	1	372134	05/23/25	05/23/25	LYZ
Freon 113	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,1-Dichloroethene	ND	H	ug/L	5.0	0.08	1	372134	05/23/25	05/23/25	LYZ
Methylene Chloride	ND	H	ug/L	5.0	2.4	1	372134	05/23/25	05/23/25	LYZ
MTBE	ND	H	ug/L	5.0	0.09	1	372134	05/23/25	05/23/25	LYZ
trans-1,2-Dichloroethene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,1-Dichloroethane	ND	H	ug/L	5.0	0.09	1	372134	05/23/25	05/23/25	LYZ
2-Butanone	ND	H	ug/L	100	1.7	1	372134	05/23/25	05/23/25	LYZ
cis-1,2-Dichloroethene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
2,2-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Chloroform	0.6	H,J	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Bromochloromethane	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
1,1,1-Trichloroethane	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,1-Dichloropropene	ND	H	ug/L	5.0	0.08	1	372134	05/23/25	05/23/25	LYZ
Carbon Tetrachloride	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,2-Dichloroethane	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
Benzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Trichloroethene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
1,2-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Bromodichloromethane	ND	H	ug/L	5.0	0.08	1	372134	05/23/25	05/23/25	LYZ
Dibromomethane	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
4-Methyl-2-Pentanone	ND	H	ug/L	5.0	1.0	1	372134	05/23/25	05/23/25	LYZ
cis-1,3-Dichloropropene	ND	H	ug/L	5.0	0.06	1	372134	05/23/25	05/23/25	LYZ
Toluene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
trans-1,3-Dichloropropene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,1,2-Trichloroethane	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
1,3-Dichloropropane	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Tetrachloroethene	ND	H	ug/L	5.0	0.09	1	372134	05/23/25	05/23/25	LYZ
Dibromochloromethane	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,2-Dibromoethane	ND	H	ug/L	5.0	0.07	1	372134	05/23/25	05/23/25	LYZ
Chlorobenzene	ND	H	ug/L	5.0	0.09	1	372134	05/23/25	05/23/25	LYZ
1,1,1,2-Tetrachloroethane	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Ethylbenzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
m,p-Xylenes	ND	H	ug/L	10	0.2	1	372134	05/23/25	05/23/25	LYZ
o-Xylene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Styrene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
Bromoform	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
Isopropylbenzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ

Analysis Results for 532904

532904-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
1,2,3-Trichloropropane	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
Propylbenzene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
Bromobenzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,3,5-Trimethylbenzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
2-Chlorotoluene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
4-Chlorotoluene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
tert-Butylbenzene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
1,2,4-Trimethylbenzene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
sec-Butylbenzene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
para-Isopropyl Toluene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
1,3-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,4-Dichlorobenzene	ND	H	ug/L	5.0	0.2	1	372134	05/23/25	05/23/25	LYZ
n-Butylbenzene	ND	H	ug/L	5.0	0.4	1	372134	05/23/25	05/23/25	LYZ
1,2-Dichlorobenzene	ND	H	ug/L	5.0	0.1	1	372134	05/23/25	05/23/25	LYZ
1,2-Dibromo-3-Chloropropane	ND	H	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
1,2,4-Trichlorobenzene	ND	H	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
Hexachlorobutadiene	ND	H	ug/L	5.0	0.4	1	372134	05/23/25	05/23/25	LYZ
Naphthalene	ND	H	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
1,2,3-Trichlorobenzene	ND	H	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
cis-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.4	1	372134	05/23/25	05/23/25	LYZ
trans-1,4-Dichloro-2-butene	ND	H	ug/L	5.0	0.3	1	372134	05/23/25	05/23/25	LYZ
Xylene (total)	ND		ug/L	5.0		1	372134	05/23/25	05/23/25	LYZ
Surrogates	Limits									
Dibromofluoromethane	115%		%REC	70-130		1	372134	05/23/25	05/23/25	LYZ
1,2-Dichloroethane-d4	98%		%REC	70-130		1	372134	05/23/25	05/23/25	LYZ
Toluene-d8	105%		%REC	70-130		1	372134	05/23/25	05/23/25	LYZ
Bromofluorobenzene	103%		%REC	70-130		1	372134	05/23/25	05/23/25	LYZ

H Holding time was exceeded
 J Estimated value
 ND Not Detected
 b See narrative

Batch QC

Type: Blank	Lab ID: QC1256928	Batch: 371207
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1256928 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.072	05/13/25 15:00	05/13/25 15:18
Chloride	ND		mg/L	1.0	0.27	05/13/25 15:00	05/13/25 15:18
Bromide	ND		mg/L	0.30	0.060	05/13/25 15:00	05/13/25 15:18
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	05/13/25 15:00	05/13/25 15:18
Sulfate	ND		mg/L	1.0	0.25	05/13/25 15:00	05/13/25 15:18

Type: Lab Control Sample	Lab ID: QC1256929	Batch: 371207
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1256929 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.035	10.00	mg/L	90%		90-110
Chloride	47.35	50.00	mg/L	95%		90-110
Bromide	14.99	15.00	mg/L	100%		90-110
Nitrogen, Nitrate	4.568	4.518	mg/L	101%		90-110
Sulfate	25.22	25.00	mg/L	101%		90-110

Type: Matrix Spike	Lab ID: QC1256955	Batch: 371207
Matrix (Source ID): Water (532914-001)	Method: EPA 300.0	Prep Method: METHOD

QC1256955 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	22.11	0.7953	20.00	mg/L	107%		80-120	1
Chloride	111.2	8.717	100.0	mg/L	102%		80-120	1
Bromide	15.23	ND	15.00	mg/L	102%		80-120	1
Nitrogen, Nitrate	9.391	0.08229	9.036	mg/L	103%		80-120	1
Sulfate	61.96	11.33	50.00	mg/L	101%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1256956	Batch: 371207
Matrix (Source ID): Water (532914-001)	Method: EPA 300.0	Prep Method: METHOD

QC1256956 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	22.27	0.7953	20.00	mg/L	107%		80-120	1	20	1
Chloride	111.5	8.717	100.0	mg/L	103%		80-120	0	20	1
Bromide	15.33	ND	15.00	mg/L	102%		80-120	1	20	1
Nitrogen, Nitrate	9.410	0.08229	9.036	mg/L	103%		80-120	0	20	1
Sulfate	62.04	11.33	50.00	mg/L	101%		80-120	0	20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1257717	Batch: 371452
Matrix (Source ID): Water (532857-002)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1257717 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.096	ND	1.000	mg/L	110%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1257718	Batch: 371452
Matrix (Source ID): Water (532857-002)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1257718 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.053	ND	1.000	mg/L	105%		90-110	4	20	1

Type: Matrix Spike	Lab ID: QC1257719	Batch: 371452
Matrix (Source ID): Water (532857-003)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1257719 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.116	0.09377	1.000	mg/L	102%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1257720	Batch: 371452
Matrix (Source ID): Water (532857-003)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1257720 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.134	0.09377	1.000	mg/L	104%		90-110	2	20	1

Type: Blank	Lab ID: QC1257721	Batch: 371452
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1257721 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	05/15/25	05/16/25

Type: Lab Control Sample	Lab ID: QC1257722	Batch: 371452
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1257722 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.082	1.000	mg/L	108%		90-110

Type: Blank	Lab ID: QC1258937	Batch: 371828
Matrix: Drinking Water	Method: EPA 350.1	Prep Method: METHOD

QC1258937 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	05/20/25	05/21/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1258939	Batch: 371828
Matrix: Drinking Water	Method: EPA 350.1	Prep Method: METHOD

QC1258939 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.035	1.000	mg/L	104%		90-110

Type: Matrix Spike	Lab ID: QC1258942	Batch: 371828
Matrix (Source ID): Water (532904-001)	Method: EPA 350.1	Prep Method: METHOD

QC1258942 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.391	0.3277	1.000	mg/L	106%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1258943	Batch: 371828
Matrix (Source ID): Water (532904-001)	Method: EPA 350.1	Prep Method: METHOD

QC1258943 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.394	0.3277	1.000	mg/L	107%		90-110	0	20	1

Type: Blank	Lab ID: QC1259838	Batch: 372078
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1259838 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	05/22/25	05/23/25

Type: Lab Control Sample	Lab ID: QC1259839	Batch: 372078
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1259839 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	110.0	100.0	mg/L	110%		90-110

Type: Matrix Spike	Lab ID: QC1259840	Batch: 372078
Matrix (Source ID): Water (533035-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259840 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	120.0	8.000	100.0	mg/L	112%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1259841	Batch: 372078
Matrix (Source ID): Water (533035-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259841 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	114.0	8.000	100.0	mg/L	106%		75-125	5	20	2

Batch QC

Type: Matrix Spike	Lab ID: QC1259842	Batch: 372078
Matrix (Source ID): Water (533265-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259842 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	112.0	8.000	100.0	mg/L	104%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1259843	Batch: 372078
Matrix (Source ID): Water (533265-004)	Method: EPA 410.4	Prep Method: METHOD

QC1259843 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	116.0	8.000	100.0	mg/L	108%		75-125	4	20	2

Type: Blank	Lab ID: QC1256951	Batch: 371213
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1256951 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	05/13/25	05/13/25
Calcium	ND		mg/L	0.57	0.57	05/13/25	05/13/25
Iron	ND		mg/L	0.046	0.046	05/13/25	05/13/25
Magnesium	ND		mg/L	0.10	0.025	05/13/25	05/13/25
Manganese	ND		mg/L	0.010	0.0029	05/13/25	05/13/25
Potassium	ND		mg/L	0.50	0.40	05/13/25	05/14/25
Sodium	ND		mg/L	0.50	0.35	05/13/25	05/13/25

Type: Lab Control Sample	Lab ID: QC1256952	Batch: 371213
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1256952 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3586	0.4000	mg/L	90%		80-120
Calcium	18.92	20.40	mg/L	93%		80-120
Iron	0.3684	0.4000	mg/L	92%		80-120
Magnesium	18.88	20.40	mg/L	93%		80-120
Manganese	0.3611	0.4000	mg/L	90%		80-120
Potassium	21.57	24.00	mg/L	90%		80-120
Sodium	18.53	20.40	mg/L	91%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1256953	Batch: 371213
Matrix (Source ID): Water (532904-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1256953 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.9341	0.5824	0.4000	mg/L	88%		75-125	1
Calcium	214.6	197.3	20.40	mg/L	85%	NM	75-125	1
Iron	0.4847	0.1237	0.4000	mg/L	90%		75-125	1
Magnesium	55.11	36.71	20.40	mg/L	90%		75-125	1
Manganese	0.4990	0.1468	0.4000	mg/L	88%		75-125	1
Potassium	23.63	1.437	24.00	mg/L	92%		75-125	1
Sodium	140.4	122.9	20.40	mg/L	86%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1256954	Batch: 371213
Matrix (Source ID): Water (532904-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1256954 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.9303	0.5824	0.4000	mg/L	87%		75-125	0	20	1
Calcium	215.0	197.3	20.40	mg/L	86%	NM	75-125	0	20	1
Iron	0.4827	0.1237	0.4000	mg/L	90%		75-125	0	20	1
Magnesium	55.12	36.71	20.40	mg/L	90%		75-125	0	20	1
Manganese	0.4936	0.1468	0.4000	mg/L	87%		75-125	1	20	1
Potassium	23.23	1.437	24.00	mg/L	91%		75-125	2	20	1
Sodium	139.9	122.9	20.40	mg/L	83%	NM	75-125	0	20	1

Type: Serial Dilution	Lab ID: QC1257044	Batch: 371213
Matrix (Source ID): Water (532904-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1257044 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.5818	0.5824	mg/L				5
Calcium	196.2	197.3	mg/L				5
Iron	ND	0.1237	mg/L				5
Magnesium	37.03	36.71	mg/L				5
Manganese	0.1447	0.1468	mg/L				5
Potassium	ND	1.437	mg/L				5
Sodium	122.0	122.9	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1257232	Batch: 371296
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1257232 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	44.12	50.00	ug/L	88%		70-135
MTBE	45.73	50.00	ug/L	91%		70-130
Benzene	47.05	50.00	ug/L	94%		70-130
Trichloroethene	51.49	50.00	ug/L	103%		70-130
Toluene	52.49	50.00	ug/L	105%		70-130
Chlorobenzene	52.50	50.00	ug/L	105%		70-130
Surrogates						
Dibromofluoromethane	46.63	50.00	ug/L	93%		70-130
1,2-Dichloroethane-d4	46.51	50.00	ug/L	93%		70-130
Toluene-d8	53.02	50.00	ug/L	106%		70-130
Bromofluorobenzene	50.83	50.00	ug/L	102%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1257233	Batch: 371296
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1257233 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	40.34	50.00	ug/L	81%		70-135	9	30
MTBE	44.50	50.00	ug/L	89%		70-130	3	30
Benzene	43.54	50.00	ug/L	87%		70-130	8	30
Trichloroethene	47.33	50.00	ug/L	95%		70-130	8	30
Toluene	47.52	50.00	ug/L	95%		70-130	10	30
Chlorobenzene	47.45	50.00	ug/L	95%		70-130	10	30
Surrogates								
Dibromofluoromethane	46.27	50.00	ug/L	93%		70-130		
1,2-Dichloroethane-d4	46.82	50.00	ug/L	94%		70-130		
Toluene-d8	52.49	50.00	ug/L	105%		70-130		
Bromofluorobenzene	51.07	50.00	ug/L	102%		70-130		

Batch QC

Type: Blank	Lab ID: QC1257237	Batch: 371296
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1257237 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	05/14/25	05/14/25
Freon 12	ND		ug/L	5.0	0.2	05/14/25	05/14/25
Chloromethane	ND		ug/L	5.0	0.1	05/14/25	05/14/25
Vinyl Chloride	ND		ug/L	5.0	0.1	05/14/25	05/14/25
Bromomethane	ND		ug/L	5.0	0.3	05/14/25	05/14/25
Chloroethane	ND		ug/L	5.0	0.05	05/14/25	05/14/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	05/14/25	05/14/25
Acetone	ND		ug/L	100	8.8	05/14/25	05/14/25
Freon 113	ND		ug/L	5.0	0.1	05/14/25	05/14/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	05/14/25	05/14/25
Methylene Chloride	ND		ug/L	5.0	0.2	05/14/25	05/14/25
MTBE	ND		ug/L	5.0	0.1	05/14/25	05/14/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	05/14/25	05/14/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	05/14/25	05/14/25
2-Butanone	ND		ug/L	100	0.9	05/14/25	05/14/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	05/14/25	05/14/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	05/14/25	05/14/25
Chloroform	ND		ug/L	5.0	0.07	05/14/25	05/14/25
Bromochloromethane	ND		ug/L	5.0	0.1	05/14/25	05/14/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	05/14/25	05/14/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	05/14/25	05/14/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	05/14/25	05/14/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	05/14/25	05/14/25
Benzene	ND		ug/L	5.0	0.07	05/14/25	05/14/25
Trichloroethene	ND		ug/L	5.0	0.05	05/14/25	05/14/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	05/14/25	05/14/25
Bromodichloromethane	ND		ug/L	5.0	0.05	05/14/25	05/14/25
Dibromomethane	ND		ug/L	5.0	0.1	05/14/25	05/14/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	05/14/25	05/14/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	05/14/25	05/14/25
Toluene	ND		ug/L	5.0	0.05	05/14/25	05/14/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	05/14/25	05/14/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	05/14/25	05/14/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	05/14/25	05/14/25
Tetrachloroethene	ND		ug/L	5.0	0.09	05/14/25	05/14/25
Dibromochloromethane	ND		ug/L	5.0	0.07	05/14/25	05/14/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	05/14/25	05/14/25
Chlorobenzene	ND		ug/L	5.0	0.05	05/14/25	05/14/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	05/14/25	05/14/25
Ethylbenzene	ND		ug/L	5.0	0.04	05/14/25	05/14/25
m,p-Xylenes	ND		ug/L	10	0.1	05/14/25	05/14/25
o-Xylene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
Styrene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
Bromoform	ND		ug/L	5.0	0.08	05/14/25	05/14/25
Isopropylbenzene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	05/14/25	05/14/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	05/14/25	05/14/25

Batch QC

QC1257237 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	05/14/25	05/14/25
Bromobenzene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	05/14/25	05/14/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	05/14/25	05/14/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	05/14/25	05/14/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	05/14/25	05/14/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	05/14/25	05/14/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	05/14/25	05/14/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	05/14/25	05/14/25
n-Butylbenzene	ND		ug/L	5.0	0.08	05/14/25	05/14/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	05/14/25	05/14/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	05/14/25	05/14/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	05/14/25	05/14/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	05/14/25	05/14/25
Naphthalene	ND		ug/L	5.0	0.3	05/14/25	05/14/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	05/14/25	05/14/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	05/14/25	05/14/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	05/14/25	05/14/25
Xylene (total)	ND		ug/L	5.0		05/14/25	05/14/25
Surrogates				Limits			
Dibromofluoromethane	96%		%REC	70-130		05/14/25	05/14/25
1,2-Dichloroethane-d4	99%		%REC	70-130		05/14/25	05/14/25
Toluene-d8	105%		%REC	70-130		05/14/25	05/14/25
Bromofluorobenzene	99%		%REC	70-130		05/14/25	05/14/25

Type: Matrix Spike	Lab ID: QC1257313	Batch: 371296
Matrix (Source ID): Water (532904-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1257313 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	14.91	ND	20.00	ug/L	75%		70-130	1
MTBE	16.93	ND	20.00	ug/L	85%		75-130	1
Benzene	16.71	ND	20.00	ug/L	84%		70-130	1
Trichloroethene	19.04	ND	20.00	ug/L	95%		63-130	1
Toluene	18.93	ND	20.00	ug/L	95%		70-130	1
Chlorobenzene	18.99	ND	20.00	ug/L	95%		70-130	1
Surrogates								
Dibromofluoromethane	46.59		50.00	ug/L	93%		70-130	1
1,2-Dichloroethane-d4	47.41		50.00	ug/L	95%		70-130	1
Toluene-d8	53.32		50.00	ug/L	107%		70-130	1
Bromofluorobenzene	50.08		50.00	ug/L	100%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1257314	Batch: 371296
Matrix (Source ID): Water (532904-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1257314 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	15.57	ND	20.00	ug/L	78%		70-130	4	30	1
MTBE	17.11	ND	20.00	ug/L	86%		75-130	1	30	1
Benzene	17.28	ND	20.00	ug/L	86%		70-130	3	30	1
Trichloroethene	19.54	ND	20.00	ug/L	98%		63-130	3	30	1
Toluene	19.47	ND	20.00	ug/L	97%		70-130	3	30	1
Chlorobenzene	19.56	ND	20.00	ug/L	98%		70-130	3	30	1
Surrogates										
Dibromofluoromethane	45.93		50.00	ug/L	92%		70-130			1
1,2-Dichloroethane-d4	47.12		50.00	ug/L	94%		70-130			1
Toluene-d8	53.73		50.00	ug/L	107%		70-130			1
Bromofluorobenzene	49.22		50.00	ug/L	98%		70-130			1

Type: Lab Control Sample	Lab ID: QC1260031	Batch: 372134
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260031 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	59.19	50.00	ug/L	118%		70-135
MTBE	57.71	50.00	ug/L	115%		70-130
Benzene	51.49	50.00	ug/L	103%		70-130
Trichloroethene	52.20	50.00	ug/L	104%		70-130
Toluene	52.66	50.00	ug/L	105%		70-130
Chlorobenzene	54.86	50.00	ug/L	110%		70-130
Surrogates						
Dibromofluoromethane	57.88	50.00	ug/L	116%		70-130
1,2-Dichloroethane-d4	49.07	50.00	ug/L	98%		70-130
Toluene-d8	50.30	50.00	ug/L	101%		70-130
Bromofluorobenzene	47.99	50.00	ug/L	96%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1260032	Batch: 372134
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260032 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	58.10	50.00	ug/L	116%		70-135	2	30
MTBE	57.37	50.00	ug/L	115%		70-130	1	30
Benzene	50.97	50.00	ug/L	102%		70-130	1	30
Trichloroethene	53.12	50.00	ug/L	106%		70-130	2	30
Toluene	52.90	50.00	ug/L	106%		70-130	0	30
Chlorobenzene	55.25	50.00	ug/L	110%		70-130	1	30
Surrogates								
Dibromofluoromethane	56.13	50.00	ug/L	112%		70-130		
1,2-Dichloroethane-d4	49.11	50.00	ug/L	98%		70-130		
Toluene-d8	50.80	50.00	ug/L	102%		70-130		
Bromofluorobenzene	48.06	50.00	ug/L	96%		70-130		

Batch QC

Type: Blank	Lab ID: QC1260036	Batch: 372134
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260036 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	05/23/25	05/23/25
Freon 12	ND		ug/L	5.0	0.2	05/23/25	05/23/25
Chloromethane	ND		ug/L	5.0	0.3	05/23/25	05/23/25
Vinyl Chloride	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Bromomethane	ND		ug/L	5.0	0.4	05/23/25	05/23/25
Chloroethane	ND		ug/L	5.0	0.3	05/23/25	05/23/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	05/23/25	05/23/25
Acetone	ND		ug/L	100	21	05/23/25	05/23/25
Freon 113	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	05/23/25	05/23/25
Methylene Chloride	ND		ug/L	5.0	2.4	05/23/25	05/23/25
MTBE	ND		ug/L	5.0	0.09	05/23/25	05/23/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	05/23/25	05/23/25
2-Butanone	ND		ug/L	100	1.7	05/23/25	05/23/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Chloroform	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Bromochloromethane	ND		ug/L	5.0	0.2	05/23/25	05/23/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	05/23/25	05/23/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	05/23/25	05/23/25
Benzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Trichloroethene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Bromodichloromethane	ND		ug/L	5.0	0.08	05/23/25	05/23/25
Dibromomethane	ND		ug/L	5.0	0.2	05/23/25	05/23/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	05/23/25	05/23/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	05/23/25	05/23/25
Toluene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	05/23/25	05/23/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Tetrachloroethene	ND		ug/L	5.0	0.09	05/23/25	05/23/25
Dibromochloromethane	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	05/23/25	05/23/25
Chlorobenzene	ND		ug/L	5.0	0.09	05/23/25	05/23/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Ethylbenzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
m,p-Xylenes	ND		ug/L	10	0.2	05/23/25	05/23/25
o-Xylene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Styrene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
Bromoform	ND		ug/L	5.0	0.2	05/23/25	05/23/25
Isopropylbenzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	05/23/25	05/23/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	05/23/25	05/23/25

Batch QC

QC1260036 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
Bromobenzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	05/23/25	05/23/25
n-Butylbenzene	ND		ug/L	5.0	0.4	05/23/25	05/23/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	05/23/25	05/23/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	05/23/25	05/23/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	05/23/25	05/23/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	05/23/25	05/23/25
Naphthalene	ND		ug/L	5.0	0.3	05/23/25	05/23/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	05/23/25	05/23/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	05/23/25	05/23/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	05/23/25	05/23/25
Xylene (total)	ND		ug/L	5.0		05/23/25	05/23/25
Surrogates				Limits			
Dibromofluoromethane	115%		%REC	70-130		05/23/25	05/23/25
1,2-Dichloroethane-d4	98%		%REC	70-130		05/23/25	05/23/25
Toluene-d8	105%		%REC	70-130		05/23/25	05/23/25
Bromofluorobenzene	102%		%REC	70-130		05/23/25	05/23/25

Type: Matrix Spike	Lab ID: QC1260073	Batch: 372134
Matrix (Source ID): Water (533402-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260073 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	110.2	8.426	100.0	ug/L	102%		70-130	5
MTBE	94.86	ND	100.0	ug/L	95%		75-130	5
Benzene	92.43	ND	100.0	ug/L	92%		70-130	5
Trichloroethene	97.36	ND	100.0	ug/L	97%		63-130	5
Toluene	95.33	ND	100.0	ug/L	95%		70-130	5
Chlorobenzene	99.39	ND	100.0	ug/L	99%		70-130	5
Surrogates								
Dibromofluoromethane	281.4		250.0	ug/L	113%		70-130	5
1,2-Dichloroethane-d4	242.4		250.0	ug/L	97%		70-130	5
Toluene-d8	259.5		250.0	ug/L	104%		70-130	5
Bromofluorobenzene	246.3		250.0	ug/L	99%		70-130	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1260074	Batch: 372134
Matrix (Source ID): Water (533402-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1260074 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	116.8	8.426	100.0	ug/L	108%		70-130	6	30	5
MTBE	102.2	ND	100.0	ug/L	102%		75-130	7	30	5
Benzene	97.30	ND	100.0	ug/L	97%		70-130	5	30	5
Trichloroethene	98.09	ND	100.0	ug/L	98%		63-130	1	30	5
Toluene	97.66	ND	100.0	ug/L	98%		70-130	2	30	5
Chlorobenzene	101.0	ND	100.0	ug/L	101%		70-130	2	30	5
Surrogates										
Dibromofluoromethane	295.5		250.0	ug/L	118%		70-130			5
1,2-Dichloroethane-d4	249.9		250.0	ug/L	100%		70-130			5
Toluene-d8	252.7		250.0	ug/L	101%		70-130			5
Bromofluorobenzene	246.0		250.0	ug/L	98%		70-130			5

Type: Blank	Lab ID: QC1258160	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258160 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.88	05/16/25	05/17/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		05/16/25	05/17/25

Type: Lab Control Sample	Lab ID: QC1258161	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258161 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.28	10.00	ug/L	103%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.14	10.00	ug/L	101%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1258162	Batch: 371590
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1258162 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.938	10.00	ug/L	99%		80-120	3	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.839	10.00	ug/L	98%		80-120		

Type: Blank	Lab ID: QC1258632	Batch: 371746
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1258632 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		05/19/25	05/19/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1258633	Batch: 371746
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1258633 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1258636	Batch: 371746
Matrix (Source ID): Drinking Water (532877-003)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1258636 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1258637	Batch: 371746
Matrix (Source ID): Drinking Water (532877-003)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1258637 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank	Lab ID: QC1259105	Batch: 371858
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1259105 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	05/20/25	05/20/25

Type: Lab Control Sample	Lab ID: QC1259106	Batch: 371858
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1259106 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.89	25.00	mg/L	92%		85-115

Type: Matrix Spike	Lab ID: QC1259111	Batch: 371858
Matrix (Source ID): Water (532753-003)	Method: SM 5310B	Prep Method: SM 5310B

QC1259111 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.34	1.229	25.00	mg/L	104%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1259112	Batch: 371858
Matrix (Source ID): Water (532753-003)	Method: SM 5310B	Prep Method: SM 5310B

QC1259112 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	28.43	1.229	25.00	mg/L	109%		75-125	4	25	1

Batch QC

Type: Blank	Lab ID: QC1258532	Batch: 371695
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1258532 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		05/17/25	05/17/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		05/17/25	05/17/25

Type: Lab Control Sample	Lab ID: QC1258533	Batch: 371695
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1258533 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	954.7	1000	mg/L	95%		90-110

Type: Sample Duplicate	Lab ID: QC1258534	Batch: 371695
Matrix (Source ID): Water (533031-006)	Method: SM2320B	Prep Method: METHOD

QC1258534 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	465.1	467.9	mg/L		1	20	5
Alkalinity, Total as CaCO ₃	465.1	467.9	mg/L		1	20	5

Type: Blank	Lab ID: QC1257813	Batch: 371485
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1257813 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		05/15/25	05/18/25

Type: Lab Control Sample	Lab ID: QC1257814	Batch: 371485
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1257814 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,012	1000	mg/L	101%		90-110

Type: Sample Duplicate	Lab ID: QC1257815	Batch: 371485
Matrix (Source ID): Water (532904-001)	Method: SM2540C	Prep Method: METHOD

QC1257815 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,162	1152	mg/L		1	5	2

Type: Sample Duplicate	Lab ID: QC1257816	Batch: 371485
Matrix (Source ID): Water (532926-008)	Method: SM2540C	Prep Method: METHOD

QC1257816 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	3,900	3956	mg/L		1	5	4

Batch QC

ND Not Detected
NM Not Meaningful

Laboratory Job Number 532904

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2505A19

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-532904

Project Location:

Project Received: 05/15/2025

Analytical Report reviewed & approved for release on 05/20/2025 by:

Tracy Babjar
Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2505A19

Project: EO-532904

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2505A19

Project: EO-532904

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count;" greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 05/15/2025 12:04
Date Prepared: 05/19/2025
Project: EO-532904

WorkOrder: 2505A19
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-28	2505A19-001A	Water	05/12/2025 09:22	GC26 0519250604.D	317644

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	840	50	50	1	05/19/2025 07:32

Analyst(s): PRE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-8	2505A19-002A	Water	05/12/2025 10:55	GC26 0519250605.D	317644

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	31,000	2500	2500	50	05/19/2025 07:59

Analyst(s): PRE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-9	2505A19-003A	Water	05/12/2025 12:20	GC26 0519250606.D	317644

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	810	50	50	1	05/19/2025 08:29

Analyst(s): PRE

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 05/15/2025 12:04
Date Prepared: 05/19/2025
Project: EO-532904

WorkOrder: 2505A19
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2505A19-004A	Water	05/12/2025 13:26	GC26 0519250607.D	317644

Analytes	Result	MDL	RL	DE	Date Analyzed
Carbon Dioxide	60,000	2500	2500	50	05/19/2025 09:36

Analyst(s): PRE



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 05/19/2025
Date Analyzed: 05/19/2025
Instrument: GC26
Matrix: Water
Project: EO-532904

WorkOrder: 2505A19
BatchID: 317644
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-317644

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	140	187.2	73	75	70-130	2.85	30

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2505A19

ClientCode: ENO

QuoteID: 243367

☐ EQulS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-532904

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 2 days;

Date Received: 05/15/2025

Date Logged: 05/15/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2505A19-001	DW-28	Water	5/12/2025 09:22	☐	A	A										
2505A19-002	DW-8	Water	5/12/2025 10:55	☐	A	A										
2505A19-003	DW-9	Water	5/12/2025 12:20	☐	A	A										
2505A19-004	DW-31	Water	5/12/2025 13:26	☐	A	A										

Test Legend:

1	PRDisposal Fee
5	
9	

2	RSK175_CO2_W
6	
10	

3	
7	
11	

4	
8	
12	

Project Manager: Yen Cao

Prepared by: Adrianna Cardoza

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-532904

Work Order: 2505A19

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments:

Date Logged: 5/15/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-28	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	5/12/2025 9:22	2 days	5/19/2025	None	☐	☐
002A	DW-8	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	5/12/2025 10:55	2 days	5/19/2025	Present	☐	☐
003A	DW-9	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	5/12/2025 12:20	2 days	5/19/2025	None	☐	☐
004A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	5/12/2025 13:26	2 days	5/19/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

2505A19



931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 243667
PO #: PO-079649

Enthalpy Order: EO-532904
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-28	12-MAY-2025 09:22	532904-001	3	Water	RSK-175 CO2	
DW-8	12-MAY-2025 10:55	532904-002	3	Water	RSK-175 CO2	
DW-9	12-MAY-2025 12:20	532904-003	3	Water	RSK-175 CO2	
DW-31	12-MAY-2025 13:26	532904-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>Cara Robert</i>	<i>[Signature]</i>
	Date: 5-14-25 16:20	Date: 5-15-25 1204
	Date:	Date:
	Date:	Date:

1.5 wt.
IR43



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-532904

Date and Time Received: 5/15/2025 12:04
Date Logged: 5/15/2025
Received by: Adrianna Cardoza
Logged by: Adrianna Cardoza

WorkOrder №: 2505A19 Matrix: Water
Carrier: Golden State Overnight

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	NA ☐
Custody seals intact on sample bottles?	Yes ☒	No ☐	NA ☐
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 1.5°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 535016
Report Level : II
Report Date : 06/24/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill, Quarterly MPars

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	535016
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill, Quarterly MPars
29201 Henry Mayo	Date Received:	06/09/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-18	535016-001	06/09/25 08:27	Water
DW-21	535016-002	06/09/25 09:08	Water
DW-31	535016-003	06/09/25 10:24	Water
DW-12	535016-004	06/09/25 11:28	Water
DW-7	535016-005	06/09/25 12:42	Water
QCFB	535016-006	06/09/25 10:26	Water
QCTB	535016-007	06/09/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 535016
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill, Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 06/09/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 06/10/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- Low recoveries were observed for benzene, toluene, and chlorobenzene in the MSD for batch 374323; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- High recoveries were observed for bromide, fluoride, and nitrogen, nitrate in the MSD of DW-18 (lab # 535016-001); the LCS was within limits, and the associated RPDs were within limits.
- Responses exceeding the instrument's linear range were observed for chloride in the MS/MSD of DW-18 (lab # 535016-001); affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

- Low recoveries were observed for sulfide in the MS/MSD for batch 374050; the parent sample was not a project sample, and the LCS was within limits.
- No other analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

No analytical problems were encountered.



RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 535016
Page: 1 of 1

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day:
1 Day: Custom TAT:

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other
Sample Receipt Temp:
3-5/16/13
(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				ANALYSIS REQUEST										Test Instructions / Comments
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo	Matrix	Container No. / Size	Pres.	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO ₃	Ammonia-N, Nitrate-N	COD, Cl, SO ₄ , TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide	Quarterly MPars cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF			
Report To:	Steve Cassulo	Number:	661-257-3655															
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:																
Address:	29201 Henry Mayo Drive	Address:																
	Castaic, CA, 91384																	
Phone:	661-257-3655	Global ID:	L10003464243															
Fax:		Sampled By:	Paul Chang															
Sample ID	DW-18	Sampling Date	6/9/25	Sampling Time	827	Matrix	W	Container No. / Size	13	Pres.	var.							
1	DW-21				908				13									
2	DW-31				1024				13									
3	DW-12				1128				14									
4	DW-7				1242				14									
5	QC PB				1026				3									
6	QC TB								2									
7																		
8																		
9																		
10																		

Login 535016

Signature	Print Name	Company / Title	Date / Time
	Paul Chang	CEI	6/9/25 1350
	Jim Lin	SA-NH	6/9/25 1350
	Jim Lin	SA-NH	6.10.25 9:30
	Gema O.	EANH	6.10.25 9:30
	Gema O.	EANH	6/10/25 10:35
	Daniel	EA	6/10/25 10:35

REL: Daniel EA 6/10/25 1300 Received 13 y; 22 NCM 6/10/25 1300

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 6.9.25 WO# _____ Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 6.9.25 By (initials) JWL

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 11.8 / 11.1 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☐ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☐ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	<u>X</u>		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	<u>X</u>		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			<u>X</u>
13) Are VOA vials free from headspace/bubbles > 6mm?			<u>X</u>

Section 5: Explanations / Comments

☐ PM notified

Date Logged _____ By (print) _____ (sign) _____

Date Labeled _____ By (print) _____ (sign) _____

Date Received: 6/10/25 WO# 535016 Client: Waste Connections

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info:

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 6/10/25 By (initials) DEP Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 3.5 / 3.5 #2: / #3: / #4: / #5: / #6: /

☐ No microbiology samples submitted (skip 3b)☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

☐ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?

2) Is the sampler's name present on the CoC?

3) Were containers received in good condition (unbroken / unopened / uncompromised)?

4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)

5) Were all of, and only, the correct samples received?

6) Are sample labels present, legible, and in agreement with the CoC?

7) Does the container count match the CoC?

8) Was sufficient sample volume / mass received for the analyses requested?

9) Were samples received in proper containers for the analyses requested?

10) Were samples received with $> 1/2$ holding time remaining?

11) Are samples properly preserved as indicated by CoC / labels?

12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?

13) Are VOA vials free from headspace/bubbles > 6mm?

(If no comments are made, then no discrepancies noted.)

[illegible]☐ **No additional discrepancies**

Date Logged 6/9/25 By (print) AGR (sign) *Ana Holvati*

Date Labeled 6/10/25 By (print) EP-CR (sign) _____

Analysis Results for 535016

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 535016
Project No: GW MONITORING
Location: Chiquita Canyon Landfill, Quarterly MPars
Date Received: 06/09/25

Sample ID: DW-18

Lab ID: 535016-001

Collected: 06/09/25 08:27

Matrix: Water

535016-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.24		mg/L	0.20	0.073	1	373517	06/10/25 12:02	06/10/25 14:57	AJL
Chloride	110		mg/L	1.0	0.27	1	373517	06/10/25 12:02	06/10/25 14:57	AJL
Bromide	0.30		mg/L	0.30	0.060	1	373517	06/10/25 12:02	06/10/25 14:57	AJL
Nitrogen, Nitrate	3.0		mg/L	0.10	0.05	1	373517	06/10/25 12:02	06/10/25 14:57	AJL
Sulfate	350		mg/L	10	1.8	10	373517	06/10/25 12:02	06/10/25 15:48	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	373683	06/11/25	06/12/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	10		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.32		mg/L	0.050	0.0055	1	373552	06/10/25	06/10/25	CAP
Calcium	25		mg/L	1.0	0.57	1	373552	06/10/25	06/10/25	CAP
Iron	ND		mg/L	0.10	0.046	1	373552	06/10/25	06/10/25	CAP
Magnesium	2.0		mg/L	0.10	0.025	1	373552	06/10/25	06/10/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	373552	06/10/25	06/10/25	CAP
Potassium	1.4		mg/L	0.50	0.40	1	373552	06/10/25	06/10/25	CAP
Sodium	280		mg/L	0.60	0.35	1	373552	06/10/25	06/10/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	8.8	1	374108	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	374108	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

535016-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	374108	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	374108	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374108	06/17/25	06/17/25	ZST
Surrogates			Limits							
Dibromofluoromethane	98%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

535016-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	109%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Toluene-d8	95%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW
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Surrogates

Limits

1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW
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Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC
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Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	4.8		mg/L	1.0	0.68	1	373701	06/11/25	06/11/25	TDD
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Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	290		mg/L	5.0	2.5	373703	06/11/25	06/11/25	WWC
Alkalinity, Total as CaCO3	290		mg/L	5.0	2.5	373703	06/11/25	06/11/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	980		mg/L	20		2	373594	06/10/25	06/11/25	RDL
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Analysis Results for 535016

Sample ID: DW-21
Lab ID: 535016-002
Collected: 06/09/25 09:08
Matrix: Water

535016-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.86		mg/L	0.20	0.073	1	373517	06/10/25 12:02	06/10/25 16:39	AJL
Chloride	55		mg/L	1.0	0.27	1	373517	06/10/25 12:02	06/10/25 16:39	AJL
Bromide	0.14	J	mg/L	0.30	0.060	1	373517	06/10/25 12:02	06/10/25 16:39	AJL
Nitrogen, Nitrate	0.12		mg/L	0.10	0.05	1	373517	06/10/25 12:02	06/10/25 16:39	AJL
Sulfate	120		mg/L	10	1.8	10	373517	06/10/25 12:02	06/10/25 16:56	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	373683	06/11/25	06/12/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.25		mg/L	0.050	0.0055	1	373552	06/10/25	06/10/25	CAP
Calcium	3.4		mg/L	1.0	0.57	1	373552	06/10/25	06/10/25	CAP
Iron	0.24		mg/L	0.10	0.046	1	373552	06/10/25	06/10/25	CAP
Magnesium	0.19		mg/L	0.10	0.025	1	373552	06/10/25	06/10/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	373552	06/10/25	06/10/25	CAP
Potassium	ND		mg/L	0.50	0.40	1	373552	06/10/25	06/10/25	CAP
Sodium	140		mg/L	0.60	0.35	1	373552	06/10/25	06/10/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	8.8	1	374108	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	374108	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

535016-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	374108	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	374108	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374108	06/17/25	06/17/25	ZST
Surrogates			Limits							
Dibromofluoromethane	98%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Toluene-d8	94%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535016

535016-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.92	J	mg/L	1.0	0.68	1	373701	06/11/25	06/12/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	120		mg/L	5.0	2.5	373703	06/11/25	06/11/25	06/11/25	WWC
Alkalinity, Total as CaCO3	170		mg/L	5.0	2.5	373703	06/11/25	06/11/25	06/11/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	450		mg/L	20		2	373594	06/10/25	06/11/25	RDL

Analysis Results for 535016

Sample ID: DW-31
Lab ID: 535016-003
Collected: 06/09/25 10:24
Matrix: Water

535016-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.23		mg/L	0.20	0.073	1	373517	06/10/25 12:02	06/10/25 18:54	AJL
Chloride	79		mg/L	1.0	0.27	1	373517	06/10/25 12:02	06/10/25 18:54	AJL
Bromide	0.56		mg/L	0.30	0.060	1	373517	06/10/25 12:02	06/10/25 18:54	AJL
Nitrogen, Nitrate	0.11		mg/L	0.10	0.05	1	373517	06/10/25 12:02	06/10/25 18:54	AJL
Sulfate	290		mg/L	10	1.8	10	373517	06/10/25 12:02	06/10/25 19:11	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	373795	06/12/25	06/12/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	23		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.49		mg/L	0.050	0.0055	1	373552	06/10/25	06/10/25	CAP
Calcium	150		mg/L	1.0	0.57	1	373552	06/10/25	06/10/25	CAP
Iron	0.10		mg/L	0.10	0.046	1	373552	06/10/25	06/10/25	CAP
Magnesium	28		mg/L	0.10	0.025	1	373552	06/10/25	06/10/25	CAP
Manganese	0.45		mg/L	0.010	0.0029	1	373552	06/10/25	06/10/25	CAP
Potassium	1.3		mg/L	0.50	0.40	1	373552	06/10/25	06/10/25	CAP
Sodium	120		mg/L	0.60	0.35	1	373552	06/10/25	06/10/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	8.8	1	374108	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	374108	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

535016-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	374108	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	374108	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374108	06/17/25	06/17/25	ZST
Surrogates			Limits							
Dibromofluoromethane	97%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane-d4	111%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Toluene-d8	95%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535016

535016-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	10		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	14		mg/L	1.0	0.68	1	373701	06/11/25	06/12/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	490		mg/L	5.0	2.5	373703	06/11/25	06/11/25	06/11/25	WWC
Alkalinity, Total as CaCO3	490		mg/L	5.0	2.5	373703	06/11/25	06/11/25	06/11/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,000		mg/L	20		2	373594	06/10/25	06/11/25	RDL

Analysis Results for 535016

Sample ID: DW-12
Lab ID: 535016-004
Collected: 06/09/25 11:28
Matrix: Water

535016-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.62		mg/L	0.20	0.073	1	373517	06/10/25 12:02	06/10/25 19:27	AJL
Chloride	190		mg/L	1.0	0.27	1	373517	06/10/25 12:02	06/10/25 19:27	AJL
Bromide	0.71		mg/L	0.30	0.060	1	373517	06/10/25 12:02	06/10/25 19:27	AJL
Nitrogen, Nitrate	3.8		mg/L	0.10	0.05	1	373517	06/10/25 12:02	06/10/25 19:27	AJL
Sulfate	300		mg/L	10	1.8	10	373517	06/10/25 12:02	06/10/25 19:44	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	373795	06/12/25	06/12/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0055	1	373552	06/10/25	06/10/25	CAP
Calcium	23		mg/L	1.0	0.57	1	373552	06/10/25	06/10/25	CAP
Iron	ND		mg/L	0.10	0.046	1	373552	06/10/25	06/10/25	CAP
Magnesium	2.9		mg/L	0.10	0.025	1	373552	06/10/25	06/10/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	373552	06/10/25	06/10/25	CAP
Potassium	1.6		mg/L	0.50	0.40	1	373552	06/10/25	06/10/25	CAP
Sodium	270		mg/L	0.60	0.35	1	373552	06/10/25	06/10/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	8.8	1	374108	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	374108	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

535016-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	374108	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	374108	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374108	06/17/25	06/17/25	ZST
Surrogates			Limits							
Dibromofluoromethane	94%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane-d4	107%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Toluene-d8	95%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535016

535016-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	373701	06/11/25	06/12/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	180		mg/L	5.0		2.5	373703	06/11/25	06/11/25	WWC
Alkalinity, Total as CaCO3	180		mg/L	5.0		2.5	373703	06/11/25	06/11/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	950		mg/L	20		2	373594	06/10/25	06/11/25	RDL

Analysis Results for 535016

Sample ID: DW-7
Lab ID: 535016-005
Collected: 06/09/25 12:42
Matrix: Water

535016-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.17	J	mg/L	0.20	0.073	1	373517	06/10/25 12:02	06/10/25 20:01	AJL
Chloride	84		mg/L	1.0	0.27	1	373517	06/10/25 12:02	06/10/25 20:01	AJL
Bromide	0.16	J	mg/L	0.30	0.060	1	373517	06/10/25 12:02	06/10/25 20:01	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	373517	06/10/25 12:02	06/10/25 20:01	AJL
Sulfate	660		mg/L	10	1.8	10	373517	06/10/25 12:02	06/10/25 20:18	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.034	1	374373	06/19/25	06/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	374561	06/22/25	06/22/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.17		mg/L	0.050	0.0055	1	373552	06/10/25	06/10/25	CAP
Calcium	32		mg/L	1.0	0.57	1	373552	06/10/25	06/10/25	CAP
Iron	ND		mg/L	0.10	0.046	1	373552	06/10/25	06/10/25	CAP
Magnesium	1.6		mg/L	0.10	0.025	1	373552	06/10/25	06/10/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	373552	06/10/25	06/10/25	CAP
Potassium	1.1		mg/L	0.50	0.40	1	373552	06/10/25	06/10/25	CAP
Sodium	330		mg/L	0.60	0.35	1	373552	06/10/25	06/10/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	8.8	1	374108	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	374108	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

535016-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	374108	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	374108	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374108	06/17/25	06/17/25	ZST
Surrogates			Limits							
Dibromofluoromethane	97%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane-d4	107%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Toluene-d8	95%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 535016

535016-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	373691	06/11/25	06/14/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	97%		%REC	80-120		1	373691	06/11/25	06/14/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	374050	06/16/25	06/16/25	WWC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	373701	06/11/25	06/12/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	110		mg/L	5.0		2.5	373703	06/11/25	06/11/25	WWC
Alkalinity, Total as CaCO3	110		mg/L	5.0		2.5	373703	06/11/25	06/11/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,200		mg/L	20		2	373594	06/10/25	06/11/25	RDL

Analysis Results for 535016

Sample ID: QCFB
Lab ID: 535016-006
Collected: 06/09/25 10:26
Matrix: Water

535016-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Acetone	ND		ug/L	100	8.8	1	374108	06/17/25	06/17/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Methylene Chloride	7.4		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	374108	06/17/25	06/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Chloroform	0.7	J	ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	374108	06/17/25	06/17/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	374108	06/17/25	06/17/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	374108	06/17/25	06/17/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

535016-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	374108	06/17/25	06/17/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	374108	06/17/25	06/17/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	374108	06/17/25	06/17/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	374108	06/17/25	06/17/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	374108	06/17/25	06/17/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	374108	06/17/25	06/17/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	374108	06/17/25	06/17/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374108	06/17/25	06/17/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	374108	06/17/25	06/17/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374108	06/17/25	06/17/25	ZST
Surrogates	Limits									
Dibromofluoromethane	97%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Toluene-d8	95%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	374108	06/17/25	06/17/25	ZST

Analysis Results for 535016

Sample ID: QCTB
Lab ID: 535016-007
Collected: 06/09/25
Matrix: Water

535016-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	374323	06/19/25	06/19/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
Chloromethane	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Bromomethane	ND		ug/L	5.0	0.4	1	374323	06/19/25	06/19/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	374323	06/19/25	06/19/25	ZST
Acetone	ND		ug/L	100	21	1	374323	06/19/25	06/19/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	374323	06/19/25	06/19/25	ZST
Methylene Chloride	7.3		ug/L	5.0	2.4	1	374323	06/19/25	06/19/25	ZST
MTBE	ND		ug/L	5.0	0.09	1	374323	06/19/25	06/19/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	374323	06/19/25	06/19/25	ZST
2-Butanone	ND		ug/L	100	1.7	1	374323	06/19/25	06/19/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Chloroform	0.9	J	ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	374323	06/19/25	06/19/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.08	1	374323	06/19/25	06/19/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	374323	06/19/25	06/19/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	374323	06/19/25	06/19/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	374323	06/19/25	06/19/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	374323	06/19/25	06/19/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	374323	06/19/25	06/19/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	374323	06/19/25	06/19/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST

Analysis Results for 535016

535016-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
Propylbenzene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	374323	06/19/25	06/19/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.4	1	374323	06/19/25	06/19/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	374323	06/19/25	06/19/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	374323	06/19/25	06/19/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	374323	06/19/25	06/19/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	374323	06/19/25	06/19/25	ZST
Xylene (total)	ND		ug/L	5.0		1	374323	06/19/25	06/19/25	ZST
Surrogates	Limits									
Dibromofluoromethane	98%		%REC	70-130		1	374323	06/19/25	06/19/25	ZST
1,2-Dichloroethane-d4	96%		%REC	70-130		1	374323	06/19/25	06/19/25	ZST
Toluene-d8	102%		%REC	70-130		1	374323	06/19/25	06/19/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	374323	06/19/25	06/19/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1264665	Batch: 373517
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1264665 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	06/10/25 12:02	06/10/25 14:24
Chloride	ND		mg/L	1.0	0.27	06/10/25 12:02	06/10/25 14:24
Bromide	ND		mg/L	0.30	0.060	06/10/25 12:02	06/10/25 14:24
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	06/10/25 12:02	06/10/25 14:24
Sulfate	ND		mg/L	1.0	0.18	06/10/25 12:02	06/10/25 14:24

Type: Lab Control Sample	Lab ID: QC1264666	Batch: 373517
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1264666 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.993	10.00	mg/L	100%		90-110
Chloride	48.17	50.00	mg/L	96%		90-110
Bromide	15.28	15.00	mg/L	102%		90-110
Nitrogen, Nitrate	4.662	4.518	mg/L	103%		90-110
Sulfate	24.89	25.00	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1264738	Batch: 373517
Matrix (Source ID): Water (535016-001)	Method: EPA 300.0	Prep Method: METHOD

QC1264738 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	23.93	0.2434	20.00	mg/L	118%		80-129	1
Chloride	218.4	113.8	100.0	mg/L	105%	E	80-123	1
Bromide	17.36	0.3035	15.00	mg/L	114%		80-121	1
Nitrogen, Nitrate	13.38	3.050	9.036	mg/L	114%		80-123	1
Sulfate	331.0	347.2	50.00	mg/L	-32%	E,NM	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1264739	Batch: 373517
Matrix (Source ID): Water (535016-001)	Method: EPA 300.0	Prep Method: METHOD

QC1264739 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	27.96	0.2434	20.00	mg/L	139%	*	80-129	16	21	1
Chloride	235.3	113.8	100.0	mg/L	122%	E	80-123		20	1
Bromide	20.33	0.3035	15.00	mg/L	133%	*	80-121	16	20	1
Nitrogen, Nitrate	15.08	3.050	9.036	mg/L	133%	*	80-123	12	20	1
Sulfate	335.5	347.2	50.00	mg/L	-24%	E,NM	79-124		20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1264824	Batch: 373517
Matrix (Source ID): Water (535131-004)	Method: EPA 300.0	Prep Method: METHOD

QC1264824 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.39	ND	20.00	mg/L	107%		80-129	1
Chloride	104.8	0.5548	100.0	mg/L	104%		80-123	1
Bromide	15.50	ND	15.00	mg/L	103%		80-121	1
Nitrogen, Nitrate	9.683	0.07032	9.036	mg/L	106%		80-123	1
Sulfate	52.16	0.2422	50.00	mg/L	104%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1264825	Batch: 373517
Matrix (Source ID): Water (535131-004)	Method: EPA 300.0	Prep Method: METHOD

QC1264825 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.52	ND	20.00	mg/L	108%		80-129	1	21	1
Chloride	105.8	0.5548	100.0	mg/L	105%		80-123	1	20	1
Bromide	15.62	ND	15.00	mg/L	104%		80-121	1	20	1
Nitrogen, Nitrate	9.787	0.07032	9.036	mg/L	108%		80-123	1	20	1
Sulfate	52.48	0.2422	50.00	mg/L	104%		79-124	1	20	1

Type: Blank	Lab ID: QC1265194	Batch: 373683
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265194 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	06/11/25	06/12/25

Type: Lab Control Sample	Lab ID: QC1265195	Batch: 373683
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265195 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9798	1.000	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1265198	Batch: 373683
Matrix (Source ID): Water (534673-001)	Method: EPA 350.1	Prep Method: METHOD

QC1265198 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9888	ND	1.000	mg/L	99%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1265199	Batch: 373683
Matrix (Source ID): Water (534673-001)	Method: EPA 350.1	Prep Method: METHOD

QC1265199 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9593	ND	1.000	mg/L	96%		90-110	3	20	1

Type: Lab Control Sample	Lab ID: QC1265630	Batch: 373683
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265630 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9816	1.000	mg/L	98%		90-110

Type: Lab Control Sample	Lab ID: QC1265631	Batch: 373683
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265631 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9730	1.000	mg/L	97%		90-110

Type: Lab Control Sample	Lab ID: QC1265632	Batch: 373683
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265632 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9398	1.000	mg/L	94%		90-110

Type: Blank	Lab ID: QC1265550	Batch: 373795
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265550 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	06/12/25	06/12/25

Type: Lab Control Sample	Lab ID: QC1265551	Batch: 373795
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1265551 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9329	1.000	mg/L	93%		90-110

Type: Matrix Spike	Lab ID: QC1265552	Batch: 373795
Matrix (Source ID): Water (535016-003)	Method: EPA 350.1	Prep Method: METHOD

QC1265552 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9563	ND	1.000	mg/L	96%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1265553	Batch: 373795
Matrix (Source ID): Water (535016-003)	Method: EPA 350.1	Prep Method: METHOD

QC1265553 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9803	ND	1.000	mg/L	98%		90-110	2	20	1

Type: Lab Control Sample	Lab ID: QC1267564	Batch: 374373
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1267564 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.026	1.000	mg/L	103%		90-110

Type: Blank	Lab ID: QC1267565	Batch: 374373
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1267565 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.034	06/19/25	06/20/25

Type: Matrix Spike	Lab ID: QC1267566	Batch: 374373
Matrix (Source ID): Water (535016-005)	Method: EPA 350.1	Prep Method: METHOD

QC1267566 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.044	ND	1.000	mg/L	104%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1267567	Batch: 374373
Matrix (Source ID): Water (535016-005)	Method: EPA 350.1	Prep Method: METHOD

QC1267567 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9878	ND	1.000	mg/L	99%		90-110	6	20	1

Type: Matrix Spike	Lab ID: QC1267568	Batch: 374373
Matrix (Source ID): Water (535069-001)	Method: EPA 350.1	Prep Method: METHOD

QC1267568 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.144	0.1718	1.000	mg/L	97%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1267569	Batch: 374373
Matrix (Source ID): Water (535069-001)	Method: EPA 350.1	Prep Method: METHOD

QC1267569 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.272	0.1718	1.000	mg/L	110%		90-110	11	20	1

Type: Blank	Lab ID: QC1268268	Batch: 374561
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1268268 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	06/22/25	06/22/25

Type: Lab Control Sample	Lab ID: QC1268269	Batch: 374561
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1268269 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	97.00	100.0	mg/L	97%		90-110

Type: Matrix Spike	Lab ID: QC1268270	Batch: 374561
Matrix (Source ID): Water (535016-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268270 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	100.0	10.00	100.0	mg/L	90%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1268271	Batch: 374561
Matrix (Source ID): Water (535016-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268271 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	100.0	10.00	100.0	mg/L	90%		75-125	0	20	2

Type: Matrix Spike	Lab ID: QC1268272	Batch: 374561
Matrix (Source ID): Water (535279-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268272 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1268273	Batch: 374561
Matrix (Source ID): Water (535279-001)	Method: EPA 410.4	Prep Method: METHOD

QC1268273 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	2	20	2

Type: Blank	Lab ID: QC1264786	Batch: 373552
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1264786 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	06/10/25	06/10/25
Calcium	ND		mg/L	0.57	0.57	06/10/25	06/10/25
Iron	ND		mg/L	0.046	0.046	06/10/25	06/10/25
Magnesium	ND		mg/L	0.10	0.025	06/10/25	06/10/25
Manganese	ND		mg/L	0.010	0.0029	06/10/25	06/10/25
Potassium	ND		mg/L	0.50	0.40	06/10/25	06/10/25
Sodium	ND		mg/L	0.50	0.35	06/10/25	06/10/25

Type: Lab Control Sample	Lab ID: QC1264787	Batch: 373552
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1264787 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3702	0.4000	mg/L	93%		80-120
Calcium	18.74	20.40	mg/L	92%		80-120
Iron	0.3823	0.4000	mg/L	96%		80-120
Magnesium	19.41	20.40	mg/L	95%		80-120
Manganese	0.3782	0.4000	mg/L	95%		80-120
Potassium	22.69	24.00	mg/L	95%		80-120
Sodium	19.16	20.40	mg/L	94%		80-120

Type: Matrix Spike	Lab ID: QC1264788	Batch: 373552
Matrix (Source ID): Water (535016-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1264788 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.6827	0.3188	0.4000	mg/L	91%		75-125	1
Calcium	42.16	24.72	20.40	mg/L	86%		75-125	1
Iron	0.3767	ND	0.4000	mg/L	94%		75-125	1
Magnesium	20.71	1.965	20.40	mg/L	92%		75-125	1
Manganese	0.3672	ND	0.4000	mg/L	92%		75-125	1
Potassium	23.73	1.390	24.00	mg/L	93%		75-125	1
Sodium	299.0	284.7	20.40	mg/L	70%	NM	75-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1264789	Batch: 373552
Matrix (Source ID): Water (535016-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1264789 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.6865	0.3188	0.4000	mg/L	92%		75-125	1	20	1
Calcium	42.63	24.72	20.40	mg/L	88%		75-125	1	20	1
Iron	0.3814	ND	0.4000	mg/L	95%		75-125	1	22	1
Magnesium	21.27	1.965	20.40	mg/L	95%		75-125	3	20	1
Manganese	0.3724	ND	0.4000	mg/L	93%		75-125	1	20	1
Potassium	24.23	1.390	24.00	mg/L	95%		75-125	2	20	1
Sodium	297.5	284.7	20.40	mg/L	63%	NM	75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1264813	Batch: 373552
Matrix (Source ID): Water (535016-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1264813 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.3106	0.3188	mg/L				5
Calcium	24.43	24.72	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	1.984	1.965	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	1.390	mg/L				5
Sodium	283.3	284.7	mg/L				5

Type: Lab Control Sample	Lab ID: QC1266715	Batch: 374108
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266715 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	47.53	50.00	ug/L	95%		69-128
MTBE	52.80	50.00	ug/L	106%		66-125
Benzene	47.09	50.00	ug/L	94%		76-121
Trichloroethene	43.72	50.00	ug/L	87%		76-124
Toluene	43.64	50.00	ug/L	87%		76-120
Chlorobenzene	42.98	50.00	ug/L	86%		78-120
Surrogates						
Dibromofluoromethane	46.87	50.00	ug/L	94%		70-130
1,2-Dichloroethane-d4	50.97	50.00	ug/L	102%		70-130
Toluene-d8	47.40	50.00	ug/L	95%		70-130
Bromofluorobenzene	49.66	50.00	ug/L	99%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1266716	Batch: 374108
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266716 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	49.06	50.00	ug/L	98%		69-128	3	23
MTBE	55.25	50.00	ug/L	110%		66-125	5	22
Benzene	49.14	50.00	ug/L	98%		76-121	4	21
Trichloroethene	45.39	50.00	ug/L	91%		76-124	4	22
Toluene	45.23	50.00	ug/L	90%		76-120	4	21
Chlorobenzene	44.74	50.00	ug/L	89%		78-120	4	20
Surrogates								
Dibromofluoromethane	47.11	50.00	ug/L	94%		70-130		
1,2-Dichloroethane-d4	51.89	50.00	ug/L	104%		70-130		
Toluene-d8	47.95	50.00	ug/L	96%		70-130		
Bromofluorobenzene	50.77	50.00	ug/L	102%		70-130		

Batch QC

Type: Blank	Lab ID: QC1266717	Batch: 374108
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266717 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	06/17/25	06/17/25
Freon 12	ND		ug/L	5.0	0.2	06/17/25	06/17/25
Chloromethane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Vinyl Chloride	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Bromomethane	ND		ug/L	5.0	0.3	06/17/25	06/17/25
Chloroethane	ND		ug/L	5.0	0.05	06/17/25	06/17/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	06/17/25	06/17/25
Acetone	ND		ug/L	100	8.8	06/17/25	06/17/25
Freon 113	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Methylene Chloride	ND		ug/L	5.0	0.2	06/17/25	06/17/25
MTBE	ND		ug/L	5.0	0.1	06/17/25	06/17/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	06/17/25	06/17/25
2-Butanone	ND		ug/L	100	0.9	06/17/25	06/17/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	06/17/25	06/17/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	06/17/25	06/17/25
Chloroform	ND		ug/L	5.0	0.07	06/17/25	06/17/25
Bromochloromethane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	06/17/25	06/17/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	06/17/25	06/17/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	06/17/25	06/17/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	06/17/25	06/17/25
Benzene	ND		ug/L	5.0	0.07	06/17/25	06/17/25
Trichloroethene	ND		ug/L	5.0	0.05	06/17/25	06/17/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	06/17/25	06/17/25
Bromodichloromethane	ND		ug/L	5.0	0.05	06/17/25	06/17/25
Dibromomethane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	06/17/25	06/17/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	06/17/25	06/17/25
Toluene	ND		ug/L	5.0	0.05	06/17/25	06/17/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	06/17/25	06/17/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	06/17/25	06/17/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Tetrachloroethene	ND		ug/L	5.0	0.09	06/17/25	06/17/25
Dibromochloromethane	ND		ug/L	5.0	0.07	06/17/25	06/17/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	06/17/25	06/17/25
Chlorobenzene	ND		ug/L	5.0	0.05	06/17/25	06/17/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	06/17/25	06/17/25
Ethylbenzene	ND		ug/L	5.0	0.04	06/17/25	06/17/25
m,p-Xylenes	ND		ug/L	10	0.1	06/17/25	06/17/25
o-Xylene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
Styrene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
Bromoform	ND		ug/L	5.0	0.08	06/17/25	06/17/25
Isopropylbenzene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	06/17/25	06/17/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	06/17/25	06/17/25

Batch QC

QC1266717 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	06/17/25	06/17/25
Bromobenzene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	06/17/25	06/17/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	06/17/25	06/17/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	06/17/25	06/17/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	06/17/25	06/17/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	06/17/25	06/17/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	06/17/25	06/17/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	06/17/25	06/17/25
n-Butylbenzene	ND		ug/L	5.0	0.08	06/17/25	06/17/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	06/17/25	06/17/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	06/17/25	06/17/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	06/17/25	06/17/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	06/17/25	06/17/25
Naphthalene	ND		ug/L	5.0	0.3	06/17/25	06/17/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	06/17/25	06/17/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	06/17/25	06/17/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	06/17/25	06/17/25
Xylene (total)	ND		ug/L	5.0		06/17/25	06/17/25
Surrogates				Limits			
Dibromofluoromethane	97%		%REC	70-130		06/17/25	06/17/25
1,2-Dichloroethane-d4	107%		%REC	70-130		06/17/25	06/17/25
Toluene-d8	95%		%REC	70-130		06/17/25	06/17/25
Bromofluorobenzene	98%		%REC	70-130		06/17/25	06/17/25

Type: Matrix Spike	Lab ID: QC1266784	Batch: 374108
Matrix (Source ID): Water (535016-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266784 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	17.18	ND	20.00	ug/L	86%		62-131	1
MTBE	20.86	ND	20.00	ug/L	104%		61-124	1
Benzene	17.93	ND	20.00	ug/L	90%		70-123	1
Trichloroethene	17.23	ND	20.00	ug/L	86%		65-131	1
Toluene	16.55	ND	20.00	ug/L	83%		69-120	1
Chlorobenzene	16.90	ND	20.00	ug/L	85%		72-121	1
Surrogates								
Dibromofluoromethane	46.62		50.00	ug/L	93%		70-130	1
1,2-Dichloroethane-d4	51.42		50.00	ug/L	103%		70-130	1
Toluene-d8	47.78		50.00	ug/L	96%		70-130	1
Bromofluorobenzene	50.05		50.00	ug/L	100%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1266785	Batch: 374108
Matrix (Source ID): Water (535016-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1266785 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	15.68	ND	20.00	ug/L	78%		62-131	9	31	1
MTBE	19.87	ND	20.00	ug/L	99%		61-124	5	30	1
Benzene	16.61	ND	20.00	ug/L	83%		70-123	8	31	1
Trichloroethene	15.68	ND	20.00	ug/L	78%		65-131	9	31	1
Toluene	15.27	ND	20.00	ug/L	76%		69-120	8	29	1
Chlorobenzene	15.50	ND	20.00	ug/L	78%		72-121	9	29	1
Surrogates										
Dibromofluoromethane	46.86		50.00	ug/L	94%		70-130			1
1,2-Dichloroethane-d4	52.58		50.00	ug/L	105%		70-130			1
Toluene-d8	47.59		50.00	ug/L	95%		70-130			1
Bromofluorobenzene	49.35		50.00	ug/L	99%		70-130			1

Type: Lab Control Sample	Lab ID: QC1267418	Batch: 374323
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267418 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.40	50.00	ug/L	99%		69-128
MTBE	43.23	50.00	ug/L	86%		66-125
Benzene	51.87	50.00	ug/L	104%		76-121
Trichloroethene	50.36	50.00	ug/L	101%		76-124
Toluene	50.94	50.00	ug/L	102%		76-120
Chlorobenzene	49.99	50.00	ug/L	100%		78-120
Surrogates						
Dibromofluoromethane	48.49	50.00	ug/L	97%		70-130
1,2-Dichloroethane-d4	47.94	50.00	ug/L	96%		70-130
Toluene-d8	49.70	50.00	ug/L	99%		70-130
Bromofluorobenzene	48.76	50.00	ug/L	98%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1267419	Batch: 374323
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267419 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	47.78	50.00	ug/L	96%		69-128	3	23
MTBE	42.12	50.00	ug/L	84%		66-125	3	22
Benzene	50.72	50.00	ug/L	101%		76-121	2	21
Trichloroethene	49.68	50.00	ug/L	99%		76-124	1	22
Toluene	50.36	50.00	ug/L	101%		76-120	1	21
Chlorobenzene	49.03	50.00	ug/L	98%		78-120	2	20
Surrogates								
Dibromofluoromethane	47.76	50.00	ug/L	96%		70-130		
1,2-Dichloroethane-d4	47.76	50.00	ug/L	96%		70-130		
Toluene-d8	50.16	50.00	ug/L	100%		70-130		
Bromofluorobenzene	47.60	50.00	ug/L	95%		70-130		

Batch QC

Type: Blank	Lab ID: QC1267423	Batch: 374323
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267423 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	06/19/25	06/19/25
Freon 12	ND		ug/L	5.0	0.2	06/19/25	06/19/25
Chloromethane	ND		ug/L	5.0	0.3	06/19/25	06/19/25
Vinyl Chloride	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Bromomethane	ND		ug/L	5.0	0.4	06/19/25	06/19/25
Chloroethane	ND		ug/L	5.0	0.3	06/19/25	06/19/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	06/19/25	06/19/25
Acetone	ND		ug/L	100	21	06/19/25	06/19/25
Freon 113	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	06/19/25	06/19/25
Methylene Chloride	ND		ug/L	5.0	2.4	06/19/25	06/19/25
MTBE	ND		ug/L	5.0	0.09	06/19/25	06/19/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	06/19/25	06/19/25
2-Butanone	ND		ug/L	100	1.7	06/19/25	06/19/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Chloroform	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Bromochloromethane	ND		ug/L	5.0	0.2	06/19/25	06/19/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	06/19/25	06/19/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	06/19/25	06/19/25
Benzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Trichloroethene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Bromodichloromethane	ND		ug/L	5.0	0.08	06/19/25	06/19/25
Dibromomethane	ND		ug/L	5.0	0.2	06/19/25	06/19/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	06/19/25	06/19/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	06/19/25	06/19/25
Toluene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	06/19/25	06/19/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Tetrachloroethene	ND		ug/L	5.0	0.09	06/19/25	06/19/25
Dibromochloromethane	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	06/19/25	06/19/25
Chlorobenzene	ND		ug/L	5.0	0.09	06/19/25	06/19/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Ethylbenzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
m,p-Xylenes	ND		ug/L	10	0.2	06/19/25	06/19/25
o-Xylene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Styrene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
Bromoform	ND		ug/L	5.0	0.2	06/19/25	06/19/25
Isopropylbenzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	06/19/25	06/19/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	06/19/25	06/19/25

Batch QC

QC1267423 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
Bromobenzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	06/19/25	06/19/25
n-Butylbenzene	ND		ug/L	5.0	0.4	06/19/25	06/19/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	06/19/25	06/19/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	06/19/25	06/19/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	06/19/25	06/19/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	06/19/25	06/19/25
Naphthalene	ND		ug/L	5.0	0.3	06/19/25	06/19/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	06/19/25	06/19/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	06/19/25	06/19/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	06/19/25	06/19/25
Xylene (total)	ND		ug/L	5.0		06/19/25	06/19/25
Surrogates	Limits						
Dibromofluoromethane	98%		%REC	70-130		06/19/25	06/19/25
1,2-Dichloroethane-d4	97%		%REC	70-130		06/19/25	06/19/25
Toluene-d8	102%		%REC	70-130		06/19/25	06/19/25
Bromofluorobenzene	101%		%REC	70-130		06/19/25	06/19/25

Type: Matrix Spike	Lab ID: QC1267489	Batch: 374323
Matrix (Source ID): Water (535738-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267489 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	16.11	ND	20.00	ug/L	81%		62-131	1
MTBE	15.61	ND	20.00	ug/L	78%		61-124	1
Benzene	17.34	ND	20.00	ug/L	87%		70-123	1
Trichloroethene	17.38	ND	20.00	ug/L	87%		65-131	1
Toluene	17.19	ND	20.00	ug/L	86%		69-120	1
Chlorobenzene	17.09	ND	20.00	ug/L	85%		72-121	1
Surrogates								
Dibromofluoromethane	48.53		50.00	ug/L	97%		70-130	1
1,2-Dichloroethane-d4	48.54		50.00	ug/L	97%		70-130	1
Toluene-d8	50.29		50.00	ug/L	101%		70-130	1
Bromofluorobenzene	48.89		50.00	ug/L	98%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1267490	Batch: 374323
Matrix (Source ID): Water (535738-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1267490 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	12.55	ND	20.00	ug/L	63%		62-131	25	31	1
MTBE	12.74	ND	20.00	ug/L	64%		61-124	20	30	1
Benzene	13.52	ND	20.00	ug/L	68%	*	70-123	25	31	1
Trichloroethene	13.77	ND	20.00	ug/L	69%		65-131	23	31	1
Toluene	13.70	ND	20.00	ug/L	68%	*	69-120	23	29	1
Chlorobenzene	13.79	ND	20.00	ug/L	69%	*	72-121	21	29	1
Surrogates										
Dibromofluoromethane	48.54		50.00	ug/L	97%		70-130			1
1,2-Dichloroethane-d4	49.37		50.00	ug/L	99%		70-130			1
Toluene-d8	50.30		50.00	ug/L	101%		70-130			1
Bromofluorobenzene	48.95		50.00	ug/L	98%		70-130			1

Type: Blank	Lab ID: QC1265202	Batch: 373691
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265202 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	06/11/25	06/14/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		06/11/25	06/14/25

Type: Lab Control Sample	Lab ID: QC1265203	Batch: 373691
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265203 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.43	10.00	ug/L	104%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.83	10.00	ug/L	108%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1265204	Batch: 373691
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1265204 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.27	10.00	ug/L	103%		79-120	2	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.03	10.00	ug/L	100%		80-120		

Type: Blank	Lab ID: QC1266505	Batch: 374050
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266505 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		06/16/25	06/16/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1266506	Batch: 374050
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266506 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1266507	Batch: 374050
Matrix (Source ID): Water (535154-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266507 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.7000	ND	1.000	mg/L	70%	*	80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1266508	Batch: 374050
Matrix (Source ID): Water (535154-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1266508 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.7000	ND	1.000	mg/L	70%	*	80-120	0	20	1

Type: Blank	Lab ID: QC1265232	Batch: 373701
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1265232 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	06/11/25	06/12/25

Type: Lab Control Sample	Lab ID: QC1265233	Batch: 373701
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1265233 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.82	25.00	mg/L	95%		85-115

Type: Matrix Spike	Lab ID: QC1265234	Batch: 373701
Matrix (Source ID): Water (534901-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1265234 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.85	1.589	25.00	mg/L	109%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1265235	Batch: 373701
Matrix (Source ID): Water (534901-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1265235 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	29.07	1.589	25.00	mg/L	110%		75-125	1	25	1

Batch QC

Type: Blank	Lab ID: QC1265236	Batch: 373703
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1265236 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		06/11/25	06/11/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		06/11/25	06/11/25

Type: Lab Control Sample	Lab ID: QC1265239	Batch: 373703
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1265239 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	1,053	1000	mg/L	105%		90-110

Type: Sample Duplicate	Lab ID: QC1265977	Batch: 373703
Matrix (Source ID): Water (535016-005)	Method: SM2320B	Prep Method: METHOD

QC1265977 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	118.5	110.6	mg/L		7	20	2.5
Alkalinity, Total as CaCO ₃	118.5	110.6	mg/L		7	20	2.5

Type: Blank	Lab ID: QC1264920	Batch: 373594
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1264920 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	5.0		06/10/25	06/11/25

Type: Lab Control Sample	Lab ID: QC1264921	Batch: 373594
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1264921 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,002	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1264922	Batch: 373594
Matrix (Source ID): Water (535012-001)	Method: SM2540C	Prep Method: METHOD

QC1264922 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,044	1018	mg/L		3	5	2

Type: Sample Duplicate	Lab ID: QC1264923	Batch: 373594
Matrix (Source ID): Water (535106-001)	Method: SM2540C	Prep Method: METHOD

QC1264923 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	3,292	3234	mg/L		2	5	2

Batch QC

* Value is outside QC limits
E Response exceeds instrument's linear range
ND Not Detected
NM Not Meaningful

Laboratory Job Number 535016

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2506925

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-535016

Project Location:

Project Received: 06/13/2025

Analytical Report reviewed & approved for release on 06/16/2025 by:

Yen Cao

Project Manager

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2506925

Project: EO-535016

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2506925

Project: EO-535016

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 06/13/2025 10:08
Date Prepared: 06/16/2025
Project: EO-535016

WorkOrder: 2506925
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-18	2506925-001A	Water	06/09/2025 08:27	GC26 0616251105.D	319445

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	3500	200	200	4	06/16/2025 11:59

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-21	2506925-002A	Water	06/09/2025 09:08	GC26 0616251106.D	319445

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	360	50	50	1	06/16/2025 13:02

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2506925-003A	Water	06/09/2025 10:24	GC26 0616251108.D	319445

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	40,000	2500	2500	50	06/16/2025 13:53

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 06/13/2025 10:08
Date Prepared: 06/16/2025
Project: EO-535016

WorkOrder: 2506925
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-12	2506925-004A	Water	06/09/2025 11:28	GC26 0616251109.D	319445

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1600	50	50	1	06/16/2025 14:25

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-7	2506925-005A	Water	06/09/2025 12:42	GC26 0616251110.D	319445

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	950	50	50	1	06/16/2025 14:43

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 06/16/2025
Date Analyzed: 06/16/2025
Instrument: GC26
Matrix: Water
Project: EO-535016

WorkOrder: 2506925
BatchID: 319445
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-319445

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	140	187.2	75	73	70-130	2.06	30

McCampbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2506925

ClientCode: ENO

QuoteID: 243367

☐ EQulS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party:
PO: 079649
Project: EO-535016

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 1 day;

Date Received: 06/13/2025

Date Logged: 06/13/2025

Lab ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2506925-001	DW-18	Water	6/9/2025 08:27	☐	A	A										
2506925-002	DW-21	Water	6/9/2025 09:08	☐	A	A										
2506925-003	DW-31	Water	6/9/2025 10:24	☐	A	A										
2506925-004	DW-12	Water	6/9/2025 11:28	☐	A	A										
2506925-005	DW-7	Water	6/9/2025 12:42	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Project Manager: Yen Cao

Prepared by: Valerie Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-535016

Work Order: 2506925

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments

Date Logged: 6/13/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQuIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-18	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/9/2025 8:27	1 day	6/16/2025	None	☐	☐
002A	DW-21	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/9/2025 9:08	1 day	6/16/2025	None	☐	☐
003A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/9/2025 10:24	1 day	6/16/2025	Present	☐	☐
004A	DW-12	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/9/2025 11:28	1 day	6/16/2025	None	☐	☐
005A	DW-7	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	6/9/2025 12:42	1 day	6/16/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

2506925

931 West Barkley Ave
 Orange, CA 92868
 (714) 771-6900

Subcontract Laboratory:
 McCampbell Analytical, Inc.
 1534 Willow Pass Rd.
 Pittsburg, CA 94565
 ATTN: Quote ID: 243367
 PO #: PO-079649

Enthalpy Order: EO-535016
 PM: Zach Barker
 Email: zach.barker@enthalpy.com
 CC: incomingreports@enthalpy.com
 Phone: (714) 771-6900

Results Due: Standard TAT
 Report Level: II
 Report To: MDL
 EDDs: Standard Excel
 EDD

Notes:

Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-18	09-JUN-2025 08:27	535016-001	3	Water	RSK-175 CO2	
DW-21	09-JUN-2025 09:08	535016-002	3	Water	RSK-175 CO2	
DW-31	09-JUN-2025 10:24	535016-003	3	Water	RSK-175 CO2	
DW-12	09-JUN-2025 11:28	535016-004	3	Water	RSK-175 CO2	
DW-7	09-JUN-2025 12:42	535016-005	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>J. Contingore EA-ORA</i>	<i>GLS</i>
	Date: <i>6/10/25 1620</i>	Date: <i>6/13/28 1008</i>
	<i>GLS</i>	
	Date:	Date:

1.1° wet
 1243

TN: 563117164



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-535016

Date and Time Received: 6/13/2025 10:08

Date Logged: 6/13/2025

Received by:

WorkOrder No: 2506925 Matrix:
Carrier: Golden State Overnight

Logged by: Valerie Alfaro

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	NA ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 1.1°C	NA ☐	
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☒

Comments: Sample 2506925-001A with method RSK175 (CO2) was received unpreserved. Sample 2506925-002A with method RSK175 (CO2) was received unpreserved. Sample 2506925-003A with method RSK175 (CO2) was received unpreserved. Sample 2506925-004A with method RSK175 (CO2) was received unpreserved. Sample 2506925-005A with method RSK175 (CO2) was received unpreserved.